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1944
57TH YEAR

OLDS' SEEDS



L.L. Olds SEED COMPANY · MADISON · WISCONSIN



OLDS' Victory GARDEN COLLECTION

WORTH
\$3.00

Special Price
\$1.45
Postpaid

FOOD WILL WIN THE WAR

Do your part by planting a War Garden. It is easy with this Victory Garden Assortment consisting of thirty (30) popular varieties for the home garden.

Here is a complete vegetable seed garden that is a genuine bargain. All packets are full sized and the seed is taken from our high quality stocks, the same as offered elsewhere in our seed book. Collections cannot be altered as they are put up in advance of our heavy rush season.

BEANS, Stringless Green Pod (15).....	\$0.10
BEANS, Pencil Pod Black Wax (24).....	.10
BEET, Detroit Dark Red (48).....	.10
SWISS CHARD, Lucullus (52½).....	.10
CABBAGE, Yellows Resistant Marion Market (87).....	.10
BROCCOLI, Green Sprouting (97).....	.10
CARROT, Early Chantenay (106).....	.10
CORN, Golden Bantam (142).....	.10
CORN, Early Evergreen (145).....	.10
CUCUMBER, Chicago Pickling (158).....	.10
KOHL RABI, White Vienna (205).....	.10
LETTUCE, Black Seeded Simpson (219).....	.10
LETTUCE, Wayhead (232).....	.10
MUSKMELON, Milwaukee Market (241).....	.10
WATERMELON, Dixie Queen (265).....	.05
ONION, Yellow Globe Danvers (285).....	.10
PARSNIP, Improved Guernsey (310).....	.10
PEAS, Little Marvel (339) ½ lb.....	.30
PEPPER, California Wonder (357).....	.10
PUMPKIN, Small Sugar (363).....	.05
RADISH, Sparkler (370).....	.05
RADISH, White Icicle (385).....	.05
SALSIFY, Mammoth Sandwich Island (397).....	.10
SPINACH, Bloomsdale Long Standing (402).....	.10
SQUASH, Table Queen (409).....	.10
TOMATO, Marglobe (433).....	.10
TURNIP, Purple Top White Globe (465).....	.10
RUTABAGA, Olds' Improved Purple Top (475).....	.10
DILL, Giant (485).....	.10
Total Value.....	\$3.00

SPECIAL PRICE, \$1.45, POSTPAID

HOW-TO-DO-IT PAGE

ORDER POINTERS

- **HOW TO PAY.** Use post-office or express money order, draft, or registered letter. Olds will be responsible for payment by mail if you send money any of these ways. We accept personal checks at face value. For small amounts, 50c or less, use coin or postage stamps (we prefer 5c stamps) but **be sure to register your letter.**
- **USE ORDER SHEET** in back of book. If you want to write us later about your order, be sure to give post-office address where order was mailed . . or the order number.
- **OLDS ACKNOWLEDGE YOUR ORDER PROMPTLY.** Where goods can be sent at once, we ship as soon as possible—small items by parcel post, large items by freight or express, with notice of shipment and bill of lading. If **part** of order is shipped, the shipment is our acknowledgment of your order.
- **GARDEN SEEDS SENT POSTPAID** anywhere in U. S. proper, except the Market Gardeners' Wholesale prices. On all foreign orders over 4 oz., add 10c per pound postage. **PRICES ON FIELD SEEDS, POTATOES OR SIDE LINES DO NOT INCLUDE TRANSPORTATION UNLESS QUOTED POSTPAID.** See table of parcel post rates on order blank.
- **LARGE SHIPMENTS ARE SENT BY FREIGHT,** unless you instruct us otherwise. We have three railroads here at Madison: Chicago and North Western; Chicago, Milwaukee, St. Paul and Pacific; and the Illinois Central.
- **C. O. D. SHIPMENTS.** Perishable items, such as plants and nursery stock, **cannot** be sent C. O. D. Other things will be sent C. O. D. if one-fourth the amount accompanies order.

Why the Early Bird . . .

We ask you to order early NOT because we anticipate seed shortages, for we believe our supply is adequate even if Victory gardening surpasses 1943. We cannot fill your orders as rapidly as previously because experienced help is difficult to get, as you know. Railroads are busier than ever transporting soldiers and shipping war goods, so **ORDER EARLY**, well in advance of planting time, to avoid wartime shipping delays.



Our 1944 Catalog

Those successful Victory gardeners shown on the cover are the wife and small daughter of Mr. Thomas S. Toal, Secretary of the Olds' Seed Co. Marjorie's smiling photograph also tops her Dad's office desk. (See next page.)

How Many Names at Your House?

Often Mr. J. writes one order. Later, Mrs. J. sends another. He writes "Mr. J. J." and she writes, "Mrs. James J." This confuses us—if you'll always use one and the same name per family, it will help tremendously. We can serve you faster and you'll be sure to get your Catalog always.

NOTE: If you receive an extra 1944 Catalog, won't you give it to a neighbor? Paper shortages make catalogs precious now and seeds are vital Victory Garden items.

OLDS' TRIPLE GUARANTEE QUALITY

We guarantee the quality of all the items offered in this book to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop.

SAFE ARRIVAL

We guarantee everything to arrive in good order. If there is any trouble, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us with the bill of lading.

CAREFUL ATTENTION

All orders and remittances are promptly acknowledged and letters of inquiry personally and courteously answered, as a rule the same day they are received.

Attention, Market Gardeners!

For you, who use seeds in large quantities, Olds issue a special Market Gardeners' **WHOLESALE PRICE LIST**. This may save you considerable money. So write us for it immediately . . . in order to send us those "early bird" orders we advise. **Prices:** All prices quoted in this book are subject to change and to stocks being unsold upon receipt of the order.

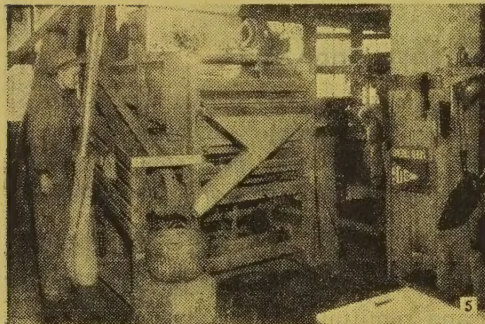
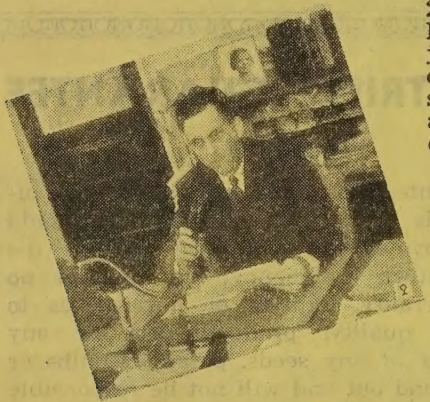
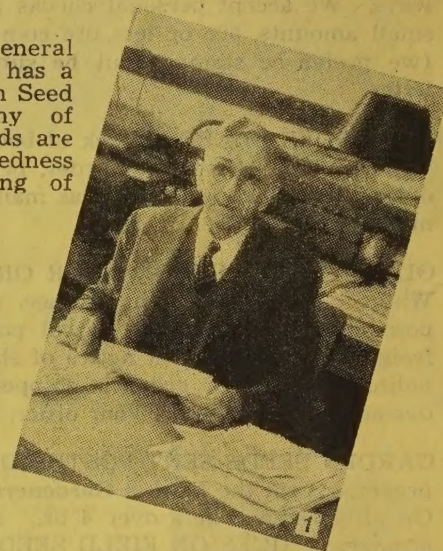
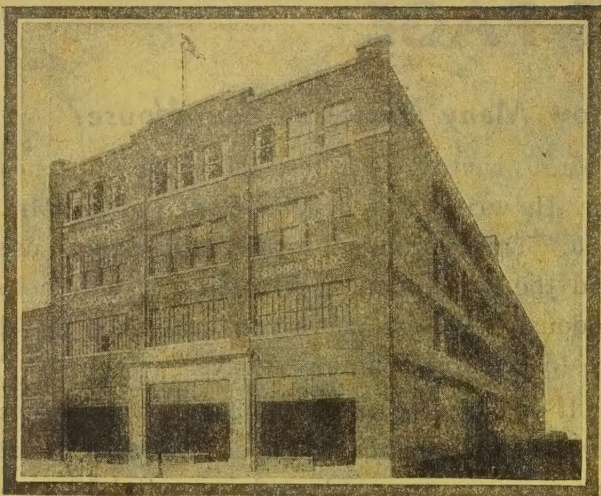
Step in and get acquainted

This is the L. L. OLDS SEED CO.

On the outside, one of those pleasant business buildings you'll see in the lake-circled city of Madison, Wisconsin. Inside, it's full of interesting people and things we think you'll enjoy knowing about.

1. Meet President and General Manager R. H. Lang who has a special interest in the Farm Seed wholesale business. Many of Olds' finest high-grade seeds are products of his long-sightedness and practical understanding of the farmer's needs.

2. Meet Secretary and Asst. General Manager Thomas S. Toal, one of whose jobs is the making of this catalog. Vegetable and Flower seeds, Nursery stocks, fertilizers and side lines are also among his duties. (Photo over desk is daughter Marjorie, Front Cover Girl.)



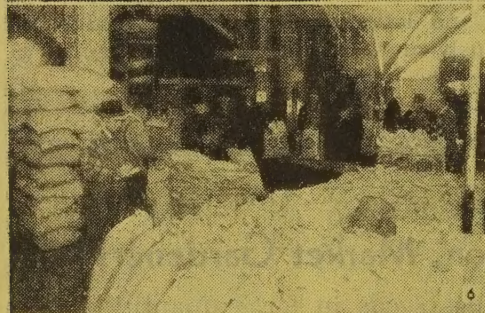
3. The pleasant sunny room where Olds' stenographers write you letters. Most of them remember you from year to year. Mr. Wallace Anderson, with the stack of mail, is office manager.

5. Meet Charley Gerkey, supervisor of seed cleaning. Many more machines in this big room and one above, assure thorough cleaning for reliable seeds.

4. The man of the Microscope, Mr. Oliver Lamont, Olds' Seed Analyst. Thank Mr. Lamont for your 95.5% pure Olds' seeds, free from dirt, noxious weeds, non-germinating duds. Only on Mr. Lamont's strict say-so are Olds' seeds tagged.

7. What . . . no women? Yes, indeed, way at right is Mrs. Luella Goth, head of Mail Order Flower and Vegetable Seeds department. Mrs. Goth is foster mother to thousands of gardens—yours too, perhaps!

6. Mr. George Simon, foreground, supt. of warehouse, with staff of hefty helpers. Their job is to sack seeds that come to them, 95.5% pure, from cleaning room.



8. Meet Miss Beth Jenkins, in charge of printing. She looks at lovely pictures of flowers and vegetables (on Olds' packages) every day . . . that's why she smiles so easily.



9. Olds' Madison Retail Store, in a corner of our home building with Mr. Ray Dunn in charge. Here's where you can buy seeds in a hurry if you're ever in Madison, Wisconsin.

Second. It has attractive all-over color, so im-

GET THIS BIG LIVE MAGAZINE

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YOU will be delighted and wonder how these two great up-to-the-minute illustrated magazines, now printed together, can cost so little. It's for all — men, women, boys and girls, — clean and wholesome, no liquor advertisements.

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MONTHS

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More For Your Money

—Send \$1.00 for 60

months and protect

against price in-

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paper rationing. Or 25c

gives you 12 big issues,

biggest value ever for a Quarter.

12

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Something for the Whole Family

Farm Journal and Farmer's Wife is published monthly; big issues; new timely features; fine pictures; beautiful colored covers. Brief, easy to read; 67 years old. Largest subscription list in the world,—over 2,700,000 from Maine to California; Money back if not satisfied.

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For folks who live in the Country and love the Country. Printed on fast-running presses, this Month Ahead-Magazine gets the important news to you first when it is valuable and useful.

Farm Journal section: Latest ideas in farm practice, equipment and machinery repairs, livestock, dairying, poultry, crops, orchard, garden, and everything about the farm. Latest Washington news important to farmers.

Farmer's Wife section carries new practical ideas on home decorations, fashions, fancywork, health and beauty. Canning, foods recipes tested in our own Farm Kitchen. Features on country life. Farm Women's letters, etc. Fiction by nationally known authors.

Youth section: Latest 4-H Club and FFA news, answers to youths' problems, grooming, etiquette, parties, games, movies, sports, aviation, hobbies, success stories, money-making ideas, jokes, cartoons, etc.

WILL HELP YOU GROW A BETTER GARDEN

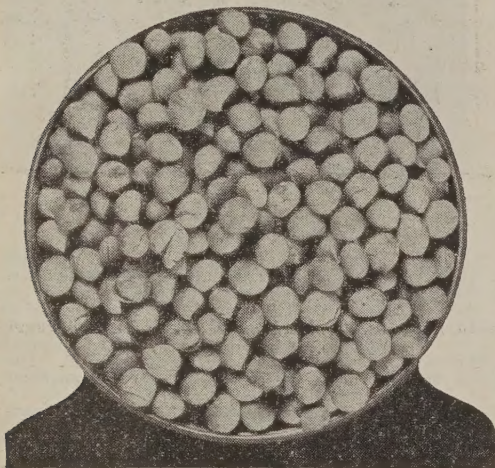
Mail this Coupon today with remittance (at our risk), direct to Farm Journal and Farmer's Wife, Dept. C., Philadelphia 5, Pa.

Recommended by

L. L. OLDS SEED CO.

If you are now a Subscriber, you may mail or give this Valuable Coupon to a friend who is not.

New VEGETABLES For Your Victory Garden



Mendota Soy Bean.

VEGETABLE SOY BEAN

5. **MENDOTA.** (83 days.) Developed by Prof. O. B. Combs of the Wis. College of Agriculture.

A new vegetable for the American gardener that is gaining popularity daily is the Edible or Vegetable Soy Bean and this new variety will certainly add momentum to its growing popularity. Just as sweet corn differs from field corn, the Edible or Vegetable Soy Bean differs from the field variety. It cooks quicker, has finer texture and milder flavor after cooking. The new Mendota Soy Bean has 7 distinct advantages over most edible varieties:

First. Almost entirely free from blight—a leaf crinkling that often cuts down yield 80%.

Second. It has attractive all-over color, so important for table use and freezing.

Third. No unsightly black eye.

Fourth. The yield is generally heavier.

Fifth. Maturity earlier than Bansei by 7 to 10 days.

Sixth. The seed is medium in size and especially right for commercial processing.

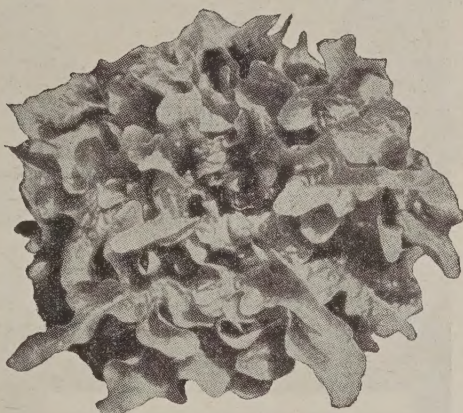
Seventh. The plants stand up well and do not lodge.

Soy Beans may be served in many ways; shelled and cooked like lima beans or peas when in the green stage; when ripe just as you would other dry beans; in stews or vegetable loaf or as baked beans. In Victory Food Gardens it has a distinct advantage. It can be used fresh while in the green stage, or dried and stored or canned or quick frozen in the green stage.

As we anticipate a tremendous demand for this seed and our stocks are limited, we are offering it in packets only this season. Pkt., 15c; 2 pkts., 25c, postpaid.



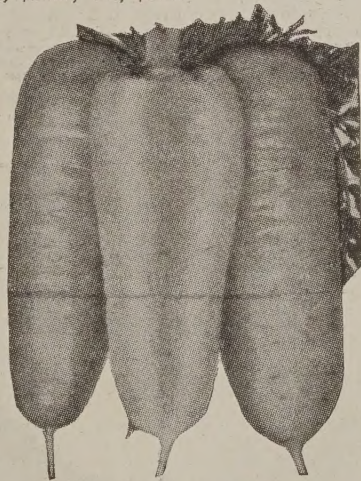
Wisconsin Early Harvest Pea.



Olds' Oakleaf Lettuce.

LETTUCE

221. **OLDS' OAKLEAF.** (50 days.) This is not a new lettuce, but it is the first year since 1917 that we have had sufficient stock of seed to enable us to give this variety its due publicity. Olds' Oakleaf Lettuce is a distinct type. It forms a close center with rather loose outer leaves; medium sized and medium green. The leaves are deeply lobed in the middle and the middle lobe is long like a finger, giving the plant a peculiar appearance. The quality is excellent, but its most important recommendation is that it does not get bitter with age. It is the one variety that is excellent late in the summer when other varieties are bitter. Pkt., 10c; oz., 35c; ¼ lb., \$1.05; lb., \$3.10.



Tendersweet Carrot.

CARROT

108. **TENDERSWEET.** (73 days.) A beautiful new orange-red carrot of exceptionally fine quality. Roots average about 8 to 10 inches in length and taper slightly from the shoulder to a blunt end. The flesh is crisp, tender, and sweet. We highly recommend this to the home gardener. Pkt., 15c; oz., 55c; ¼ lb., \$1.55; lb., \$4.65, postpaid.

PEA

★320. **WISCONSIN EARLY HARVEST.*** (60 days.) We are discarding the Wisconsin Early Sweet for the Wisconsin Early Harvest as we consider it superior to Early Sweet; just as Early Sweet was superior to the old variety Surprise. It is a new Fusarium Wilt Resistant, early sweet, wrinkled variety which shows more vigor than Wisconsin Early Sweet. The vines grow about 32 inches in height; rather slender plant of a medium green color. The 2½ inch light green, plump, single pods contain from 6 to 8 peas of excellent flavor and fine tender skin. Nothing nicer for a first early sweet. Pkt., 10c; ½ lb., 35c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.



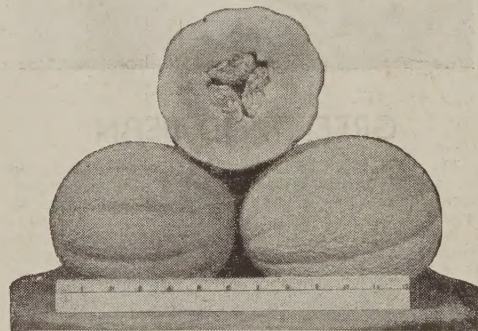
Bounty Tomato

TOMATO

452. **BOUNTY.** (65 days after setting plants.) The past few years several varieties of early determinate vine or self-topping tomatoes have been introduced and Bounty, in our opinion, is the finest. In the Victory Garden this variety will prove very popular as it is early, an exceptionally heavy yielder, and will produce the finest quality tomatoes on plants spaced as close as three feet apart. Bounty was developed at the North Dakota Agricultural Experiment Station from a cross between the All Red variety, a station introduction in 1937, and Break O'Day. Bounty combines the early ripening, self pruning, and uniform color advantages of the All Red with the good shape and quality of fruit of Break O'Day. For the home garden in the north this variety leads the list. Pkt., 15c.

SPANISH ONION

301. **WHITE SWEET SPANISH.** (110 days.) The largest of all white onions. The globular bulbs are very attractive, pure white with a small neck. Flesh is clear, quite firm and mild. A fair keeper considering its fine texture and the fact that it is a Spanish type onion. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.15; lb., \$9.50, postpaid.

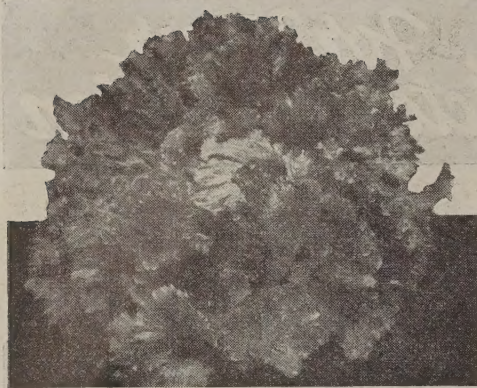


Craig Muskmelon.

MUSKMELON

245. **CRAIG.** (90 days.) This is not a new melon, but we believe it is the first time it has been offered commercially. It was introduced some years ago by the late Mr. Craig of Racine, Wis., a market grower who was not interested in having the seed grown commercially. About 8 years ago we obtained some stock for seed production, but this is the first year we have received a large enough crop of seed to justify offering it for sale.

Craig is very similar in appearance and quality to Pride of Wisconsin, although in our trials it is 5 days to a week earlier. This alone is recommendation enough as Pride of Wisconsin has always been the standard for quality but a little too late for Central Wisconsin. The fruits are medium size, slightly ribbed with coarse netting. Flesh is pink and of very highest quality. The persistent demand from Wisconsin market gardeners and truckers for Craig seed is one reason we have spent so many years trying to develop stock. Pkt., 15c; 2 pkts., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.



Cosberg (600) Lettuce

HEAD LETTUCE

229. COSBERG. (No. 600.) (70 days.) Introduced by the U. S. Department of Agriculture as a cross between Paris White Cos and Iceberg. The strain No. 600 received an All-America award in the 1942 contest. Probably the most surest heading lettuce to be found for growing in the north, and we emphatically recommend it for the home gardener. It will head in summer weather and resist tip burn. Heads are small, compact, and outer leaves are light, yellowish green, crumpled and frilled. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.60, postpaid.



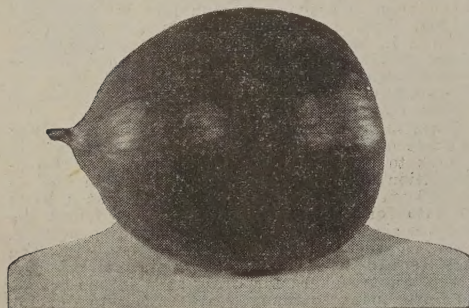
Plentiful Bean.

GREEN POD BEAN

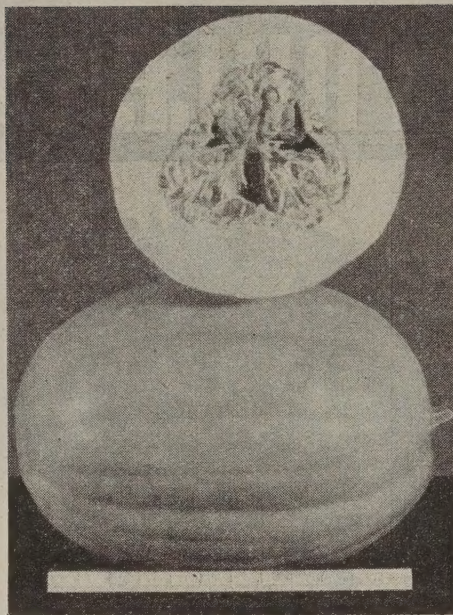
11. PLENTIFUL. (50 days.) Designed for the shipping trade to fulfill the same purposes as Bountiful. It is true to its name in productiveness bearing medium dark green pods 7 inches or more in length, straight and somewhat larger than Bountiful. Entirely stringless at all stages of growth and is of the highest quality. It is probably the best of the flat podded green snap Beans. Vine is 16 to 18 inches tall, medium green, erect, vigorous, and compact. Seeds are black. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

NEW BLIGHT RESISTANT POTATO

See Sebago, Page 71.



Cranshaw Casaba Melon.



Dickinson Pumpkin.

PUMPKIN

365. DICKINSON. (100 days.) This, in our estimation, is the finest pumpkin grown today. It was introduced several years ago by the Purdue University at the request of one of the country's largest canners. It will produce as high as 25 tons per acre. The pumpkin is a deep clear gold color throughout the flesh. It is so uniform in color that canners do not peel it, but only wash and place into the pulverizer where they are canned immediately. They pack out the deepest gold color one could imagine. It has three outstanding characteristics: It is so sweet that it requires no sugar nor starch in canning. Second, the color is ideal and requires no coloring, and third, it is an exceptionally heavy yielder. We might add that this variety seems to be more or less resistant to insect pests. Farmers should plant this as a field Pumpkin in place of the old Conn. Field. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.60, postpaid.



Albino or Snowball Tomato.

WHITE TOMATO

442. ALBINO or SNOWBALL. At last we have a good quality white tomato. It contains very little acid and will make tomatoes agreeable to many who had to avoid them. Color is ivory-white and the flesh almost snow-white. Similar in size to Stone Tomato. Pkt., 15c; 2 pkts., 25c; ½ oz., 55c; oz., 95c, postpaid.

CASABA MELON

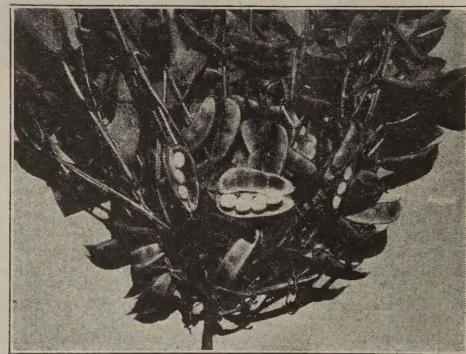
237. CRANSHAW. (110 days.) A new Casaba type melon having a flavor similar to Honey Dew. The egg shaped melon, pointed at both ends, is very large with smooth dark green rind like a squash with the ends turning yellow when ripe. Flesh is orange-yellow and very thick and flavor exceedingly sweet; sweeter in our opinion than any other variety. Nothing finer to be had if the growing season is long enough to permit the melon to ripen. Here in the North we recommend starting in flats or cold frames and transplanting in open ground. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.80, postpaid.



New Hampshire Hybrid Egg Plant.

EGG PLANT

182. NEW HAMPSHIRE HYBRID. A hybrid egg plant with medium dwarf growth, extra early maturity and unusually prolific. In our opinion it is the finest home garden variety to grow in the North, due to its extreme earliness and its yielding ability. Fruits are medium sized, deep purple, and well shaped. Pkt., 10c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$2.90, postpaid.



Baby Potato Lima.

BABY LIMA BEAN

***29. BABY POTATO LIMA.** A prolific bush lima bean originated as a field cross between Henderson's Bush Lima and one of the Potato Lima types. In vine character and general appearance of pods is similar to Henderson's Bush and can be handled by the same cultural methods. The seeds are small but thick, of bright green color when fresh, and similar in flavor to Fordhook. A thrifter and more robust plant than Henderson's Bush, averaging 3.3 seeds per pod in trials. Admirably adapted not only for produce markets but also for canning and quick freezing. All-America Silver Medal Winner. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

ENDIVE

188. DEEPHEART FRINGED. An entirely new type of Batavian Endive although it is not strictly Batavian type, but a cross of a type between Batavian and Green Curl. Hearts are closely packed with an abundance of fine leaves blanching to clear creamy yellow. The leaves are much broader than Green Curl, but the color is about the same. The leaf margins are deeply cut and curled and do not lie flat on the ground. Well-grown plants have a diameter of 10 to 12 inches and a depth of 7 to 8 inches. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.



Deepheart Fringed Endive.



Rutger's Tomato.

TOMATO

450. **RUTGER'S.** (72 days.) A second-early variety developed by the New Jersey Agricultural Experiment Station. It is a cross between Marglobe and J. T. D. and is very desirable for market as well as for canning. The plant is large with thick stems and vigorous foliage. The fruits are similar to Marglobe but flat at the stem end. Bright red, smooth, with thick walls and small seed cells, very firm and of low acidity. We consider it one of the best varieties for juice and it is one of the few varieties that ripens from the center out. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.



Green Seeded Henderson Lima Bean.

LIMA BEAN

28. **GREEN SEEDED HENDERSON.** (Clark's Bush.) (65 days.) This bean resembles in every way the Henderson's Bush or Butterbean so popular with the Northern Gardeners. Its chief value and recommendation is its freedom from white beans. It is green at all picking stages. Pods measure about 2¼ inches by ¾ inch. Contains 3 to 4 delicious oval beans. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

WINTER SQUASH

416. **GOLDEN TABLE QUEEN.** (60 days.) The Green Table Queen Squash has long been popular with gardeners, and we believe that the Golden Table Queen, which is very similar but has a golden color, will be equally as popular. It has all the good features of the old Table Queen with the addition of having a short vine. The plant is what we would term semi-bush and its vine growth is very much restricted as compared to the Green Table Queen. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.



Golden Table Queen Squash.



Pride of Wisconsin Muskmelon.

MUSKMELON

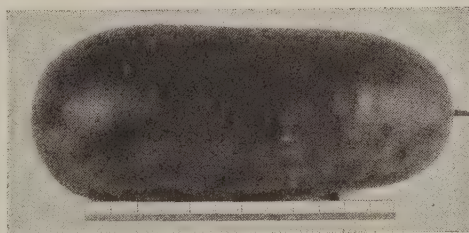
246. **PRIDE OF WISCONSIN.** (95 days.) The handsome fruits measure about seven by six inches and weigh about four pounds. The rind is very hard of a pearly gray color, faintly ribbed and heavily covered with a distinctive netting. The pink flesh is unusually pink with excellent flavor. The triangular seed cavity is almost compact. The flesh of this melon does not soften prematurely as it matures which is one of the faults of the Honey Rock, and it can be picked fully ripe and shipped long distances. The first fruits ripen in about 90 days and they are of uniformly large size and continue to bear throughout the season giving the grower many pickings of No. 1 fruits. Pkt., 10c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50, postpaid.



Early Calwonder Pepper.

PEPPER

347. **EARLY CALWONDER.** (65 days.) Unlike most strains of California Wonder, the bush is strong and stocky so that when well loaded with fruits, the plants resist serious damage in heavy winds. Fruits are mild and sweet averaging 3½ inches in diameter by 4 inches long, smooth and uniform. Flesh is thick, deep green, changing to bright crimson when ripe. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.45, postpaid.



Leesburg Watermelon

WATERMELON

264. **LEESBURG.** (85 days.) A wilt-resistant variety developed from Kleckley Sweet by Dr. M. N. Walker of the Florida Experiment Station. Fruits average about thirty pounds in weight, not quite as long as Kleckley's and with blockier ends. Rind is a shade lighter in color and much tougher. Flesh deep rose-pink, extremely sweet and of fine flavor. Seeds white. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.80, postpaid.



Utah Celery

CELERY

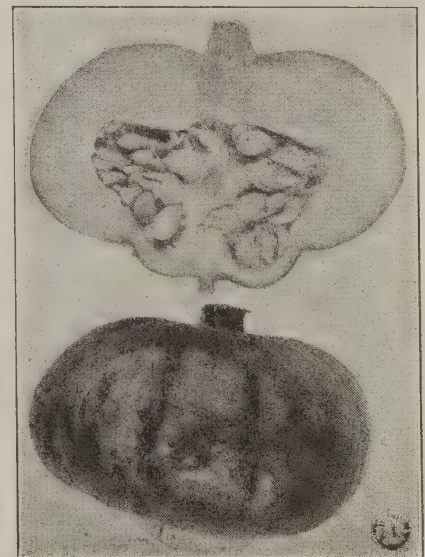
123. **UTAH OR GOLDEN CRISP.** (130 days.) An excellent green variety for fall use maturing about a week to ten days earlier than Giant Pascal. Plants sturdy, compact, and exceptionally solid. Stems are broad but thick and well rounded. Of fine quality and rich nutty flavor. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.80, postpaid.

WATERMELON

265. **DIXIE QUEEN.** (85 days.) A medium-sized melon averaging about 32 pounds but often weighing as high as 50 pounds. Average size about 15x12½ inches. It is early and because of its tough rind is fine for shipping. The color is light green alternately striped with dark green. Desirable for the home garden because of its exceedingly fine quality. The flesh is dark pink with few black and white seeds. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

WINTER SQUASH

406. **BUTTERCUP.** Entirely distinct in type, a turban shape, with thin skin and thick orange flesh at the stem end. The seed cavity is at the bottom covered with a very thin layer of flesh. Weighs from 3 to 4 pounds, just the right size for the average family. Has less waste than any other squash. Quality the very best, better even than Hubbard. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.



Buttercup Squash.

OLDS' VICTORY GARDEN SEEDS

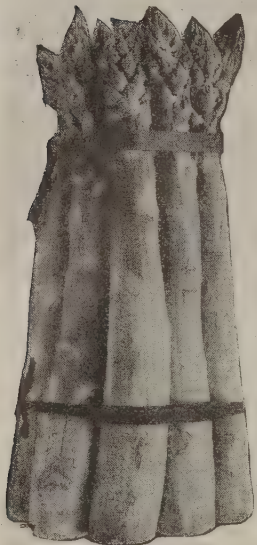
Please Note: All varieties marked ★ are excellent for freezing.

ASPARAGUS

ASPARAGUS CULTURE: Plant seed early in the spring after soaking the same for about twenty-four hours in warm water. Plant in drills one foot apart at least one inch deep. The following spring select the best roots and plant in a permanent bed. It takes three years to grow an asparagus bed from seed, two years from one-year-old roots. One ounce of seed will sow a 100-foot row producing about 300 plants. Five pounds of seed are required for an acre.

★ **6. MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties and apparently immune to rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

★ **ASPARAGUS ROOTS MARY WASHINGTON.** In general, the best all around variety for home and market. We would not advise any other. Plants: 1 and 2 year old mixed, about ½ to ¾ large 2 year, 25 for \$1.00; 50 for \$1.75; 100 for \$3.00, postpaid.—Not prepaid: 1,000 for \$16.00.



Mary Washington Giant
Rust Proof.

CULTURE: Sow the bush varieties as soon as the ground is warm and the season favorable. Plant in rows 2 feet apart, the beans 2 inches apart in the row and 1½ inches deep. For pole beans use poles 8 to 10 feet long and set them about 4 feet apart. Plant 4 to 6 beans about one inch deep around each pole and later thin to three plants to a pole. One pound will plant 50 to 75 feet of drill, 75 pounds one acre. Our packets contain enough seed to plant 10 to 15 feet of drill. Do not work when the plants are wet as this will cause rust and injury to the crop. Plant every two weeks for succession.

★ **19. REFUGEE STRINGLESS.** (70 days.) Resembles the old Thousand-to-One but is entirely stringless although not quite as productive. This variety is the one most popular with canners. The pods measure 5 to 5½ inches in length, somewhat slender, round and slightly curved. The color is light green. Very fine grained and of good quality. Seeds violet splashed with buff. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

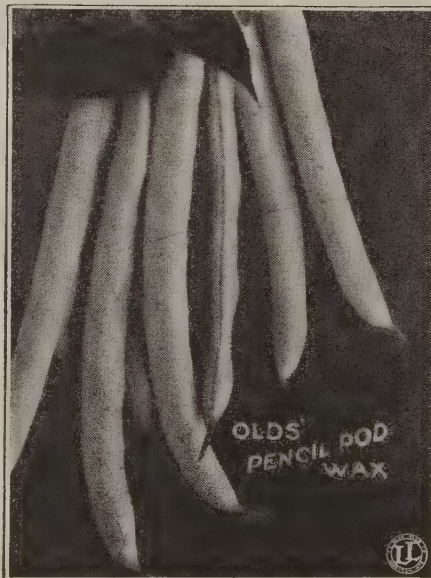
★ **15. STRINGLESS GREEN POD.** (52 days.) A bush or dwarf variety. It is early, hardy and productive, bearing handsome dark green pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. We recommend this variety above all others if an early green pod is wanted. Seeds coffee brown. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.



STRINGLESS
GREEN POD

GARDEN
FOR
VICTORY

OLDS' GARDEN SNAP BEANS BUSH VARIETIES



★ **24. OLDS' PENCIL POD BLACK WAX.** (53 days.) Best of all the dwarf black seeded wax varieties. The pods are round, 6½ to 7 inches long, straight, and crease-backed. Early and very productive; entirely stringless and a clear yellow in color. Quality excellent. Seed black. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★ **13. BOUNTIFUL.** (50 days.) A stringless Dwarf Bean, extra early, tender, large-podded, and a bountiful yielder. The flat green pods are entirely stringless, 6½ to 7 inches long, very tender and have a delicious flavor. This bean is a continuous bearer—the first in the spring, and the last in the fall. Fine for the home garden and just right for the truck patch. It is also excellent shelled for winter use. Seeds straw color. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★ **17. TENDERGREEN.** (54 days.) A new dwarf, green podded variety of very fine quality. The fleshy pods are absolutely stringless, measuring about 6 inches in length. Slightly later than Stringless Green Pod. Tendergreen is very productive and in our trials proved the best variety for late planting as well as for early planting. Seeds mottled brown and fawn. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★ **20. IMPROVED GOLDEN WAX.** (50 days.) The standard flat, wax-podded bush variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are 4 to 4½ inches long and very handsome; of a rich golden-yellow color. Seeds white with brown eye. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

Please Note:—The figure after each variety shows the time required after the seed is sown before the first picking is ready.



Round Pod Kidney Wax.

★ **12. ROUND POD KIDNEY WAX (Brittle Wax.)** (58 days.) An outstanding variety for the canning trade and the home garden. Plant large, erect, medium green, vigorous and productive. 5¼-inch pods, handsome in appearance, medium yellow, round, slightly curved, and deeply creased back. Extremely brittle, fleshy, succulent. Entirely stringless and fiberless. Beans white, kidney-shaped with black eye. Standard of highest quality. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★ **16. GIANT STRINGLESS GREEN POD.** (54 days.) Somewhat similar to Stringless Green Pod, although the pods are longer, straighter and more slender. The pods are also more depressed between the beans and slightly lighter in color. Fairly early, hardy and of the highest quality. One of the most desirable bush varieties for canning. Seeds yellow brown. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★ **11. PLENTIFUL.** (50 days.) Our new Green Pod Bean. See page 2.

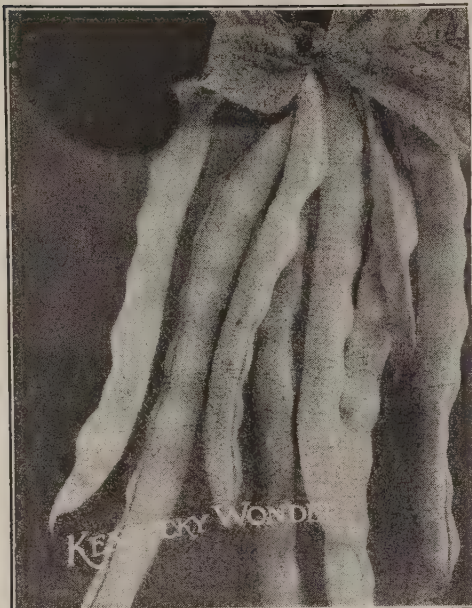
★ **36. DWARF HORTICULTURAL.** (55 days.) Also known as Dwarf Cherry, Ruby, Speckled Cranberry. An old variety popular in our grandparents' days, but is still widely planted in some localities. Pods are 4½ to 5 inches in length and about ¾ to 1 inch in width. Semi-round, straight to slightly curved. Stringless, light green in snap stage, becoming pale yellowish-green with prominent splashes of scarlet or carmine in shell bean stage. The vigorous dark green, coarse foliage is about 15 to 17 inches in height. The beans are pink tinged on buff with irregular spots of carmine or maroon. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★ **22. STRINGLESS WHITE KIDNEY WAX.** (52 days.) The pods are 6½ to 7 inches long, white, straight, and flat, borne in clusters. A very handsome bean for market. Seeds white. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.



IMPROVED
GOLDEN WAX

POLE SNAP BEANS



★38. **KENTUCKY WONDER.** (65 days.) (Old Homestead.) The vines are very vigorous and productive, and bear large clusters of big round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Seeds buff brown. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

37. **WHITE SEEDED KENTUCKY WONDER.** (Burger's Stringless.) (64 days.) Plant medium and a good climber, 4 to 5 feet tall. Pods 6½ to 7 inches, silvery green, tender, fleshy, stringless and fiberless and of good quality. Seeds oval-flat, white. Used as snap beans or for dry shelled purposes. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★38½. **KENTUCKY WONDER WAX.** (68 days.) The earliest of all the pole wax sorts. The pods are flat, 7 to 8 inches long, thick, decidedly crease-backed, very fleshy; brittle and somewhat stringy. Very attractive and of fair quality. Color, light yellow. Seeds light chocolate brown. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

10. **ASPARAGUS OR YARD LONG.** This variety is a native of South America. Habit of growth is quite similar to Kentucky Wonder Bean. Pods broad, oval, light green, fleshy, tender and fiberless; of good quality containing 7 to 8 beans. Pods average in length from 18 to 30 inches. This is a fine novelty to grow in your garden. Seeds reddish brown with black circle around the eye. 2-oz. pkt., 15c; 2 pkts., 25c, postpaid.



Asparagus Bean.



Bansei Vegetable Soy Bean.

VEGETABLE SOY BEANS

9. **BANSEI.** (90 days.) In recent years many varieties of edible Soy Beans have been imported from the Orient by the Department of Agriculture, and detailed study on their adaption and also market and growing conditions have been made. As a result of these tests, Bansei appeared the most suitable for the north. Plant is erect and of medium height, very prolific, well adapted to a short growing season. The beans when ripe are glossy yellow, elliptical of mild and pleasing flavor. All Soy Beans of the edible variety are green when in the growing condition. They are highly resistant to insect pests. Eating qualities are good when cooked to serve similar to Lima Beans. Roasted Soy Beans are very good and these are prepared by soaking the dried beans overnight, boil for one hour in salted water. Spread in shallow pan and roast in moderate oven, 350 degrees Fahrenheit until brown. Sprinkle with salt while still warm. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

5. **MENDOTA.** (83 days.) A new blight resistant Vegetable Soy Bean. Introduced by Prof. O. B. Combs of the Wis. College of Agriculture. Nothing finer in Vegetable Soy Beans. See page 1 for complete description. Pkt., 15c; 2 pkts., 25c, postpaid.

FIELD BEANS

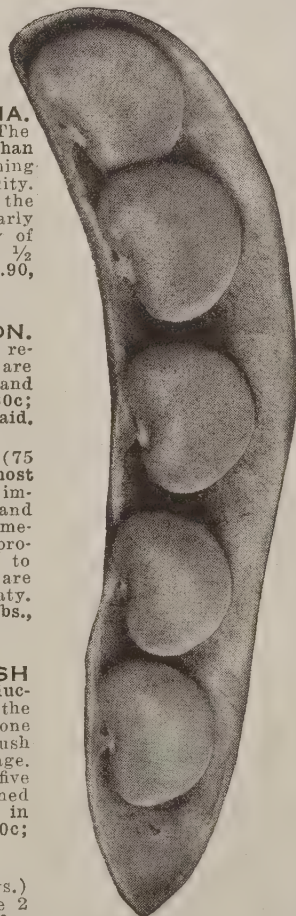
14. **NAVY OR PEA BEAN.** Popular baking bean since the time of the Civil War. Primarily a Field Bean but deserves a place in the garden. Don't give it rich soil. 2-oz. pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

4. **MICHELITE.** A new Navy Bean which we offer for the first time. Very uniform in maturing and growers state it is not necessary to hand pick them. Very heavy producers. See field seed section of catalog, page 69, for complete description. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00.

35. **DARK RED KIDNEY.** The popular bean used in soups, salads, and chili. Our strain is the dark red. ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

NITRAGIN

You will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans and peas you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for four pounds of either Beans, Peas or Sweet Peas, 10c, postpaid.



Burpee's Improved Bush Lima.

OLDS' LIMA BEANS

Note: Plant Limas with the eyes down and in a warm location. Do not plant until the soil is thoroughly warm. Lima Beans should be harvested while they are still green. Varieties marked ★ are recommended for freezing.

POLE LIMAS

★30. **DREER'S POLE LIMA.** (Challenger). (80 days.) This variety of Lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods, measuring 3½ to 4 inches long with pods well filled and 4 to 5 beans in each pod. Beans are oval in shape, thick, sweet and succulent. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

33. **FORD'S MAMMOTH PODDED.** (85 days.) The largest podded, finest flavored and most productive Pole Lima Bean. The pods average eight inches in length, with from five to seven beans in a pod, excellent either green or dry. The vines grow vigorously, set the beans early, and continue to bear until frost. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

39. **SCARLET RUNNER.** (90 days.) A pole bean that is really a climbing bean and very ornamental. The blossoms are scarlet, the pods a beautiful green, shading to wine color when ripe. The large showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but the beans are good to eat, both as snap and shelled beans. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c, postpaid.

BUSH LIMAS

★31. **HENDERSON'S BUSH LIMA.** (Baby Lima or Butter Bean.) (68 days.) The bush is not large, but the variety is earlier than any other Bush Lima. Pods are small containing 3 or 4 small flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. We recommend this variety of Lima for the home garden. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

28. **GREEN SEEDED HENDERSON.** (Clark's Bush.) Our new bush lima bean resembling Henderson's except that the seeds are always green. See page 3 for illustration and complete description. Pkt., 10c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

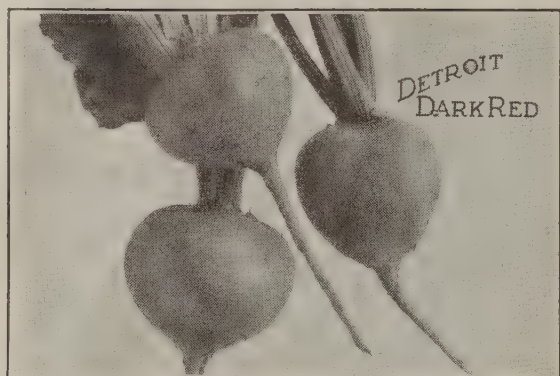
★34½. **FORDHOOK BUSH LIMA.** (75 days.) The highest in quality and the most prolific of all the Bush Lima Beans. An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; 4 to 5 inches long, and produced in large clusters; they contain from 3 to 5 large beans of fine quality. The beans are white, with greenish tinge, thick and meaty. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★34. **BURPEE'S IMPROVED BUSH LIMA.** (75 days.) Early, large and productive. Both beans and pods are larger than in the old Burpee's Bush Limas, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth and has a heavy foliage. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

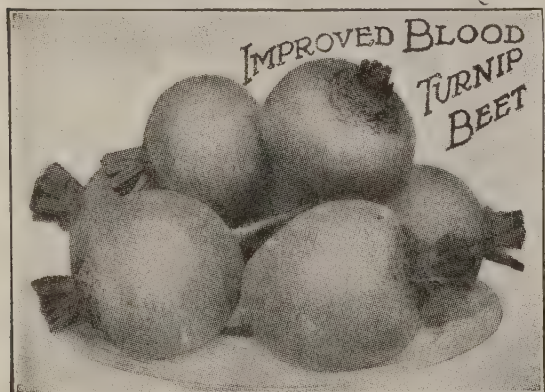
★29. **BABY POTATO LIMA.** (70 days.) Our new thick seeded Baby Lima. See page 2 for illustration and description. 2-oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

Olds' Garden Beets

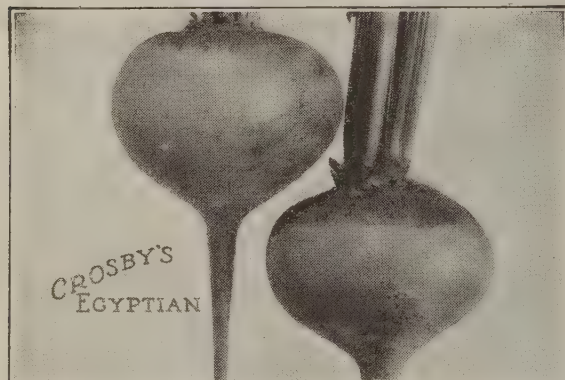
From Hand
Selected Roots



★ 48. **DETROIT DARK RED.** (68 days.) Select Strain. The leading main crop variety for the home and market gardener. Globe shaped, sweet, tender, fine grained and free from woodiness. Dark crimson in color. Quality of the best. Leaves dark green, shaded to red. Probably the most widely grown beet for commercial canning. Our largest seller. Pkt., 10c; oz., 35c; ¼ lb., \$1.05; lb., \$3.15, postpaid.



41. **OLDS' IMPROVED EARLY BLOOD TURNIP.** (60 days.) A fine, bright red beet. Remarkably even in size and appearance. A flattened globe shape, good quality. Tops are large and coarse, which make it a fine variety for greens. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.90, postpaid.



★ 51. **CROSBY'S EGYPTIAN.** (60 days.) A first-early market variety. Flattened globular shape and of fine quality. One of the best for early but not recommended for winter storing. Roots dark red and flesh a trifle lighter with some zoning. Tops very small. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.90, postpaid.

CULTURE: The best soil for beets is a deep sandy loam. For early beets plant as early in the spring as the ground can be worked, sowing a little later for the main crop. Winter beets should be planted about the 15th of June. Varieties marked ★ are recommended for freezing.

Plant the seed about ¾ inch deep and in rows one foot apart. Thin the plants to 3 inches. Each packet contains enough seed to sow 15 feet: one ounce, 60 feet: five pounds an acre, drilled.

MANGELS, SUGAR BEETS AND OTHER ROOT CROPS—SEE PAGE 28.



Early Wonder.

43. **EARLY WONDER.** (56 days.) A selection from Crosby's Egyptian. Very uniform, dark red, globe shaped, small top. Especially good for late planting although in the extra early class. Early, hardy, productive and handsome. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.90, postpaid.



Perfected Detroit.

42. **PERFECTED DETROIT.** (65 days.) A new strain of Detroit Dark Red Beet. The result of several generations of inbreeding. It is unquestionably the darkest red and most uniform type stock of Detroit Beet ever offered. Slightly earlier than the regular variety. Will run 99 per cent extremely dark red without visible zone markings. Perfected Detroit is the finest beet for the market gardener or for canning. Pkt., 10c; oz., 35c; ¼ lb., \$1.05; lb., \$3.15, postpaid.



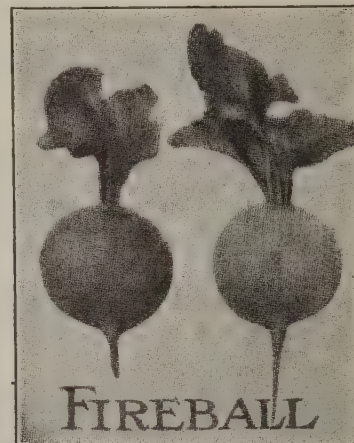
Good For All Beets.

45. **GOOD FOR ALL.** (52 days.) A new early beet developed from Detroit Dark Red. Especially fine for pickling and canning whole as they grow about one and one-fourth to one and one-half inches in diameter. Roots are smooth, even in size, and very uniformly globular in shape. Interior deep crimson and free of white zoning. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.90, postpaid.

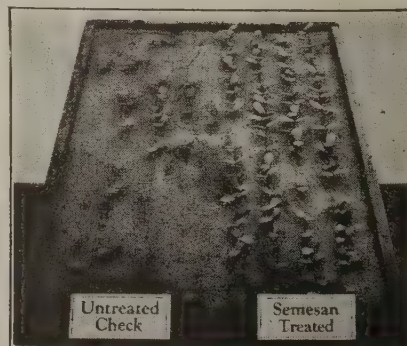
BEETS IN SUCCESSION

Do not depend on one planting for a supply all through the summer and fall. The sweetest and most delicious of all are the small beets—just big enough to use. Have more coming on all the time.

40. **EXTRA EARLY EGYPTIAN.** (55 days.) A forcing and first early variety. One of the very earliest of all beets. Has a very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.90, postpaid.



40½. **EARLIEST FORCING.** (50 days.) (Fireball.) Earliest of all beets; suitable for forcing. A turnip-rooted or globe shaped variety and red as a radish. It has a smooth skin and is solid and very sweet in flavor. The leaf stalks and taproots are quite small, making it valuable for sowing in frames. Retains its fresh table qualities remarkably well. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; lb., \$3.35, postpaid.



TREAT SEEDS AND BULBS WITH SEMESAN

DISEASE CONTROL—BETTER STANDS—STURDIER PLANTS WITH SEMESAN

For success with flowers and vegetables, give them a healthy start! Treat seeds, corms, bulbs and seedlings with Semesan. Applied dry or in solution with water, Semesan generally reduces seed rotting and damping-off, is highly effective against many seed-borne diseases, helps to prevent seed-borne soil contamination. One ounce treats 15 to 60 pounds of seed. Costs only ¼¢ to 2¢ per pound of seed. Prices: 1/3-oz. pkt., 10c; 2-oz. size, 40c; 1-lb. size, \$2.50; 5-lb. size, \$11.40, postpaid. Prices and sizes subject to change without notice.

OLDS' TENDER CARROTS GROWN FROM SELECTED ROOTS



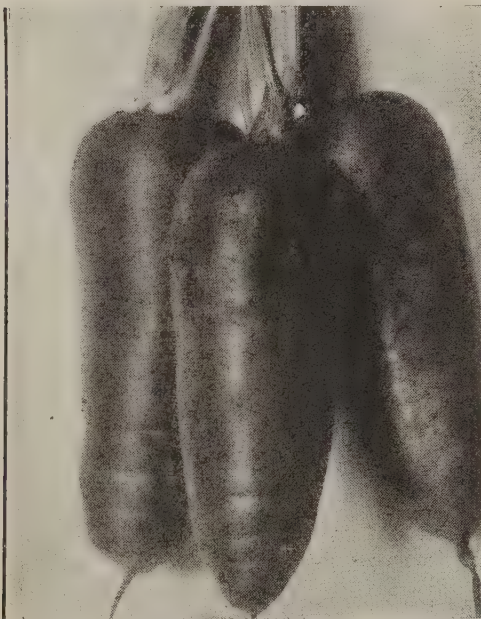
New Bunching.

101. NEW BUNCHING. (75 days.) Developed primarily for a bunching carrot for market gardeners but because of its fine flavor and attractiveness we recommend it to the home gardener. New Bunching is a cylindrical half-long orange throughout, core small and hardly noticeable. Tops are short, strong and rather bushy. The flesh is crisp, tender, sweet and of finest quality. Pkt., 10c; oz., 50c; ¼ lb., \$1.55; lb., \$4.75, postpaid.

★ **106. EARLY CHANTENAY.** (70 days.) **SELECT STRAIN.** One of the most popular varieties in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions 5½ inches long, 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50, postpaid.

★ **107. RED CORED CHANTENAY.** (72 days.) This strain of Chantenay produces very smooth roots of even shape and size and free from eyes on the roots. The color is a rich orange, the core practically the same color. The carrots measure about 5½ to 6 inches in length, evenly stump rooted, with very small tail roots. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50, postpaid.

★ **104. SCARLET NANTES OR CORE-LESS.** (70 days.) A delicate flavored carrot of the finest quality. Roots bright orange, crisp and tender. Cylindrical shaped and blunt ended. Excellent for forcing. Very brittle and must be dug with care. Pkt., 10c; oz., 55c; ¼ lb., \$1.75; lb., \$5.25, postpaid.



Early Chantenay.

The carrot is one of the most valuable of vegetables and should be cultivated more extensively. It is very wholesome and contains the essential vitamins. Growing children should be fed carrots regularly. Our carrot seed is grown from carefully selected roots and will produce the kind of crop that you want. One pkt. will sow 50 feet of drill; 1 oz. 300 feet, 2 to 3 pounds an acre. For large amounts ask for our Market Gardeners' Price List.

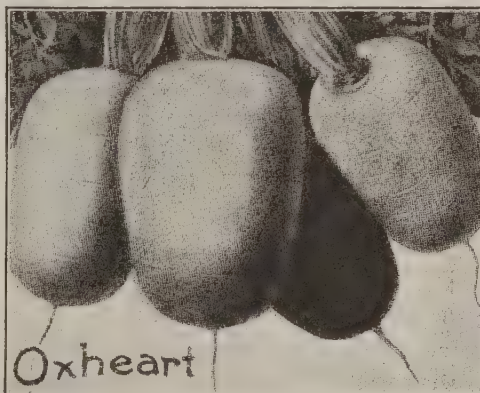
CULTURE: Carrots will do well on practically any soil although they will do the best on loam. Sow the seed as early as possible in rows 18 to 24 inches apart. Thin the seedlings to 2 or 3 inches apart in the row. The seed should be sown to a depth of about 4 times the diameter of the seed. Do not depend upon one planting only as they are at their best when young and tender. Plant every two or three weeks up to the middle of July. Varieties ★ are recommended for freezing.



We Know Our Seeds Grow.

The photograph above shows a germinator tray with sprouting seeds. This is one of the ways we test seeds for germination. In our well-equipped laboratory a full-time analyst is employed who is continually checking all lots of seed for purity and germination. Every package of seed is stamped with a code letter and number and we can give you our laboratory test on any lot of seed if you will give us this number. All field seeds are shipped with a tag bearing our laboratory test both for purity and germination.

108. TENDERSWEET. (73 days.) Our new orange red carrot of exceptionally fine quality. See page 1 for illustration and description. Pkt., 15c; oz., 55c; ¼ lb., \$1.55; lb., \$4.65, postpaid.



103. OXHEART. (72 days.) Very popular and pronounced by many "the best all around carrot." Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$4.25, postpaid.

OLDS' CHILDREN'S COLLECTION

Here is a collection of items that will delight the children. One full size packet each of Mammoth Virginia Peanuts, South American Mushroom Pop Corn, Klondike Watermelon, Mixed Annual Flower Seeds. All for 20c, postpaid.



Danvers Half Long.

100. DANVERS HALF LONG. (75 days.) A splendid carrot, grown for its productiveness and table quality. One of the best for home or market garden. Root 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$4.25, postpaid.

105. EARLIEST FRENCH FORCING. (60 days.) The earliest carrot; best for forcing; roots almost round, 2½ inches through. Pkt., 10c; oz., 55c; ¼ lb., \$1.75; lb., \$5.25, postpaid.

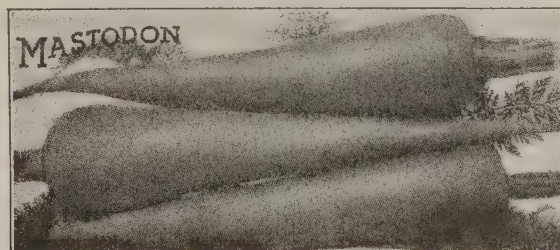
102. IMPROVED LONG ORANGE. (88 days.) A well-known standard variety; roots 12 inches long, thick at the crown and tapering regularly to a point; color deep orange, suitable for both table and field crop. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$4.25, postpaid.

Stock Carrots

Carrots make excellent feed for livestock. They may be substituted for grain or other concentrates to the extent of replacing one-half of the dry matter. When thus used 8 to 10 pounds of roots will replace 1 pound of concentrates. Roots can be produced for from \$4 to \$5 per ton. See page 25 for other root crops.

112. MASTODON. (100 days.) The heaviest cropper of all varieties, yielding more tons to the acre than any other. Creamy white in color and of excellent quality. Pkt., 10c; oz., 35c; ¼ lb., \$1.20; lb., \$3.50, postpaid.

111. LONG ORANGE BELGIAN. (90 days.) While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian, on account of its great productiveness, is especially desirable for that purpose. The roots are mammoth in size, about 20 inches long, yielding often as high as 10 tons per acre. Pkt., 10c; oz., 35c; ¼ lb., \$1.20; lb., \$3.50, postpaid.



Old's Cabbage

WISCONSIN YELLOW RESISTANT

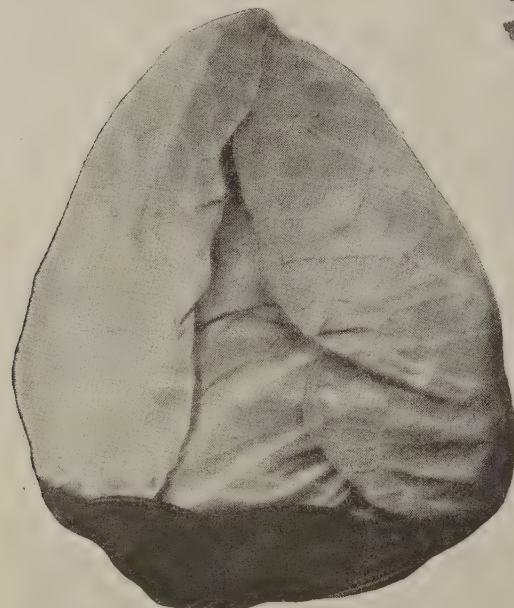
FIRST GENERATION SEED

In growing good cabbage, it is necessary first to obtain the best seed produced. We have that kind. Our American varieties are of the best American strains, our Yellows Resistant Seed is First Generation Wisconsin grown. Order Early. Cabbage requires deep mellow soil. One packet will produce 400 plants, $\frac{1}{4}$ pound produces enough plants for an acre.



Wisconsin Ballhead.

81. WISCONSIN BALLHEAD. (Yellows Resistant.) (105 days.) This strain of Yellows Resistant Cabbage was developed in answer to a demand for a late storage variety that would mature earlier and not as coarse as Wis. Hollander No. 8. After years of careful breeding this new strain was originated and in trials it has proven 100% resistant to Yellows which is not true of No. 8. It is also more uniform and in fact more uniform than any of its type ever seen and is somewhat earlier than the No. 8. It was not bred from Wis. No. 8 but from an entirely new strain of cabbage. For market gardening, shipping and storage purposes it is second to none. We had a near crop failure this year and the few pounds of seed we have will be offered in packets only. We suggest Wisconsin All Seasons as a substitute this year. Pkt., 20c; 2 pkts., 35c.



Wisconsin Jersey Queen.

74. WISCONSIN JERSEY QUEEN. (70 days.) A Yellows Resistant Wakefield Cabbage; just as early as Jersey Wakefield and identical in leaf and head growth. It has the pointed head of the Jersey Wakefield and is a heavy yielder. Quality is excellent. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.85; lb., \$5.50, postpaid.



The photograph above is of a field of cabbage at Racine, Wisconsin. It shows a test row of cabbage from good commercial seed in the center of a field of Yellows Resistant cabbage. A very few plants only out of hundreds set out, survived in this row. No clearer demonstration of the value of resistant seeds in districts affected by yellows could be given.

80 $\frac{1}{2}$. WISCONSIN HOLLANDER NO. 8. (110 days.) The same as No. 85 described on the next page, except that it is "yellows resistant." Wisconsin No. 8 is one of the most satisfactory strains of cabbage to grow for winter use and for a shipper. It will keep good and it has a heavy 7 to 8 inches in diameter solid head. The heads are almost perfectly round, fine grained and with few outside leaves. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.35; lb., \$6.95, postpaid.



Wisconsin Flat Dutch.

78. WISCONSIN FLAT DUTCH. (105 days.) This is the yellows resistant strain of late Flat Dutch. A variety that has always been popular both for the home and the market. Heads very large and flat but deep. Often from 12 to 14 inches across and 7 inches in depth. Weight from 12 to 14 pounds. Firm and of good quality. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.85, postpaid.

89. WISCONSIN MAMMOTH RED. (110 days.) A yellows resistant red cabbage. The best, largest and surest-heading red cabbage; used largely for pickling. Heads are round, solid and of a very attractive deep red color, averaging from 8 to 10 pounds. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.65; lb., \$7.95, postpaid.

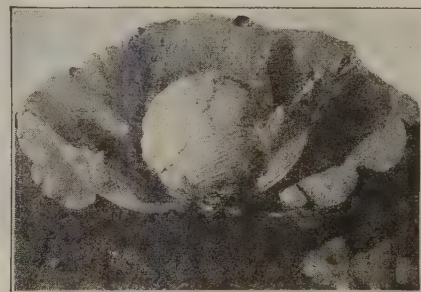
FREE SEEDS

In order to insure "fresh" vegetable and flower seeds to fill orders, we package carry-over seed—and give them free to our customers for children's gardens. All varieties are mixed together and will germinate 70 per cent or better. We will be pleased to include a generous package of "child's mixture" free for the asking with your order as long as our stock permits.

"We have used your Wis. All Season Yellows Resistant Cabbage for a large number of years and find it the best advertised anywhere. Our neighbors like it better too and always ask me to order for them if they don't send in an order themselves. We also have to buy Yellow and Wilt Resistant Tomatoes the past few years and find your Marglobe Tomato the best we have tried."

Mrs. Harry Seaman, Ohio.

CULTURE: For early use sow the seed in hotbeds during February and March and transplant in the open ground as soon as danger of freezing is over, in rows 2 feet apart and 18 inches apart in the row. For second early sow in April and transplant in May and for the late varieties sow about May 10th and transplant from the middle of June to the first of July. Use Slug Shot or Garden Guard for cabbage worms. **Maggot control,** see page 23. The figure after the name gives the time required to form mature heads after setting plants. HotKaps will hasten growth and protect plants from frost and insects. See page 26.



Wisconsin Globe.

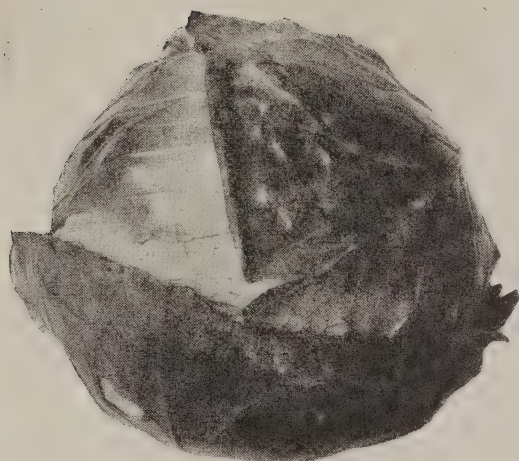
77. WISCONSIN GLOBE. (85 days.) A wonderful "Yellows Resistant," second early cabbage. It has short stems, round heads and is a very vigorous grower. A sure header and of excellent quality. A good yielder on any fair soil. This cabbage is a selection from Glory of Enkhuizen and is the same in season as that variety. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.85, postpaid.

76. WISCONSIN ALL SEASONS. (90 days.) Excellent for either early or late use. A midseason, hardy variety that will withstand hot dry weather. One of the best for kraut use and a fine keeper. A favorite with home gardeners. Plants are medium sized, compact, short stemmed and medium green in color. Heads are 9 inches broad and 7 inches deep, rounded at top and bottom. Very solid and of excellent quality. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.70; lb., \$5.00, postpaid.



Wisconsin Marion Market.

87. WISCONSIN MARION MARKET. (Wisconsin Copenhagen.) (75 days.) This is the yellows resistant strain of Copenhagen Market. A splendid cabbage for shipping and general use in home and market gardens. Considered the heaviest yielding early cabbage. Plants are medium sized, short stemmed and vigorous. The solid heads averaging about 7 inches in diameter are round and seldom burst in the field. Very attractive and excellent quality. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.70; lb., \$5.00, postpaid.

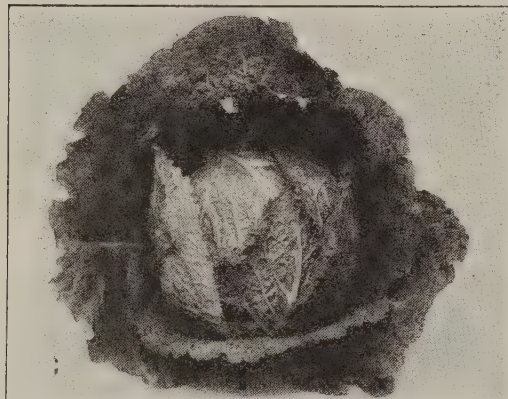


Copenhagen Market.

84. **COPENHAGEN MARKET.** (75 days.) Undoubtedly the most valuable cabbage of recent introduction, maturing but a few days later than Jersey Wakefield. Heads large, round and solid. Our seed is the best Danish grown. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.30, postpaid.

70. **EARLY JERSEY WAKEFIELD.** (70 days.) Early Jersey Wakefield is the best known and most popular extra early pointed head cabbage in cultivation. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.70; lb., \$5.00, postpaid.

65. **BRUSSELS SPROUTS.** Long Island. A type of cabbage that forms numerous small heads on the stems. See page 14 for illustration. Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00, postpaid.



Chieftain Savoy.

PLEASE NOTE: The cabbage varieties listed on this page are not Yellows Resistant Strains. See opposite page for these.

82. **PREMIUM LATE FLAT DUTCH.** (100 days.) This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.70; lb., \$5.00, postpaid.

83½. **CHINESE CABBAGE.** (75 days.) Chihli; also known as Celery Cabbage. See page 14. Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

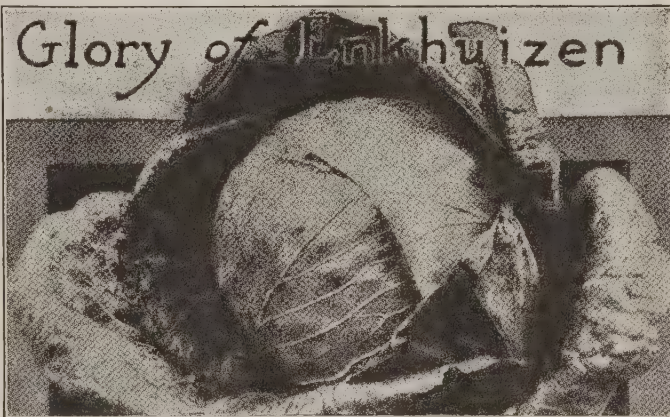


Golden Acre.

73. **GOLDEN ACRE.** (65 days.) Earliest of all varieties. It is an extra early selection of the Copenhagen type. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. A good winter variety if planted late. Quality excellent. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.35, postpaid.

83. **CHIEFTAIN SAVOY.** (90 days.) Best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Leaves very much crumpled. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.35; lb., \$6.95, postpaid.

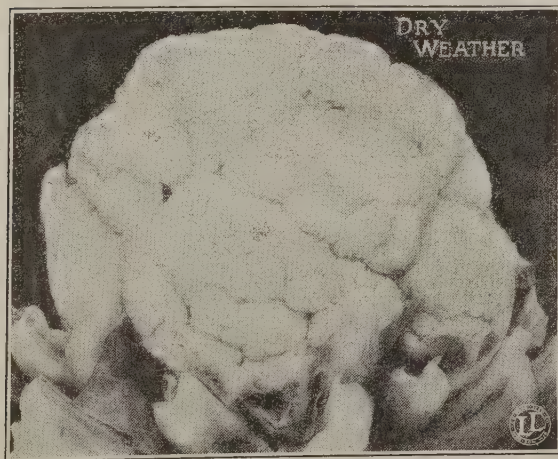
BE PREPARED — ORDER EARLY.



88. **GLORY OF ENKHUIZEN.** (85 days.) Valued for its earliness, large size, keeping qualities and flavor. A sure cropper. Heads 9 inches in diameter, are round and solid. Excellent as a kraut cabbage. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.70; lb., \$5.00, postpaid.

OLDS' CAULIFLOWER

Olds' Cauliflower Seed is the best that can be produced. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Leaflet on culture of cauliflower, free on request. The figures after the name show time required to produce heads after setting plants.



★91. **SUPER SNOWBALL.** (55 days.) A real marvel, both in earliness and in uniformity of heading. It will head from two to three weeks sooner than the earliest strains of cauliflower and very uniformly throughout the field. The heads are large, deep and solid and have a pure white color. Foliage strong and vigorous, forming a good protection. The crop can be completely harvested four months from the time the seed is sown. In our experience we have not found an early cauliflower that can compare with this variety. Pkt., 30c; ¼ oz., \$1.35; ½ oz., \$2.60; oz., \$5.00, postpaid.

93. **DRY WEATHER.** (68 days.) The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads, too. Larger than Snowball and is a sure header. Pkt., 30c; ¼ oz., \$1.35; ½ oz., \$2.60; oz., \$5.00, postpaid.

BROCCOLI

97. **GREEN SPROUTING.** (55 to 60 days.) Similar and easier to grow than cauliflower. See page 14 for illustration. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

★90. **IMPROVED EARLY SNOWBALL.** (60 days.) One of the most popular early varieties either for the home or market garden. The medium sized, snow white heads (six to ten inches in diameter) are firm, compact and solid, with few short upright leaves. Pkt., 25c; ¼ oz., \$1.10; ½ oz., \$2.10; oz., \$4.00, postpaid.

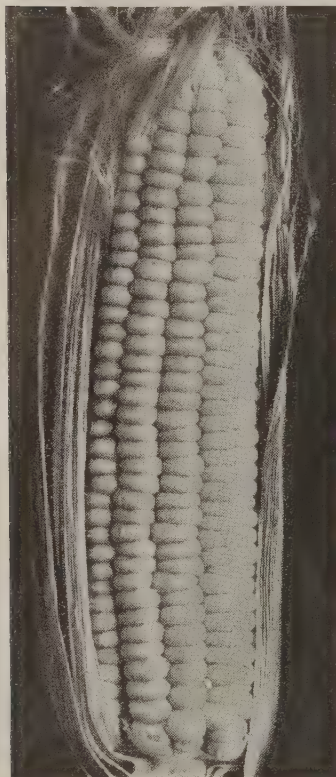


Super Snowball.

OLDS' SWEET CORN

Our Sweet Corn is all first-class, high testing seed. Our packets each contain two ounces, larger than the usual packet and enough for 30 to 40 hills. About ten pounds will plant an acre. Varieties marked with ★ are excellent for freezing.

For larger amounts ask for our Market Gardeners' List.



Golden Sunshine.

148. GOLDEN SUNSHINE. (76 days.) This new valuable variety was developed and introduced by Dr. Yeager while at the North Dakota Agricultural Experiment Station. It has a rich, golden color; the ears are about one inch longer than the ears of Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 5 to 7 days earlier than Golden Bantam. Our stock of this new corn is especially fine. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

★**141. GOLDEN CROSS BANTAM HYBRID.** (84 days.) A cross of two inbred Bantams. It is midseason about four days later than regular Bantam. Stalks average about 6 feet in height and very sturdy. Two ears are usually produced on each stalk averaging 8 inches in length. It will yield about 50 per cent more than regular Bantam and is resistant to Stewart's Disease. Hybrid corns are remarkable for their uniformity of stalk, ears, and time of ripening. For the home gardens it should be planted at intervals, otherwise it will all ripen at one time. For canning, this variety cannot be beaten. Quality is excellent. Seed stocks must be produced each year from hybrids and we caution our customers not to save seed as it will not give satisfactory results. Pkt., (2 ozs.), 10c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

140. BLACK MEXICAN. (88 days.) One of the largest and sweetest of all varieties of sweet corn. Ears 8 to 10 inches long. Kernels white when in the eating state. The best second early for the home garden. Pkt., (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

143. MIXED HYBRID SWEET CORN. Hybrid Sweet Corn is undoubtedly the finest type of sweet corn. It is resistant to Stewart's Disease and for yield and quality cannot be excelled. It has one objection in the home garden in that it matures all at one time. To overcome this we have taken and mixed equal proportions of three hybrids, one of 60 days, one of 75 days and one of 90 days. By planting this mixture you will have the finest quality sweet corn throughout the sweet corn season. Pkt., (2 ozs.), 10c; ½ lb., 40c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

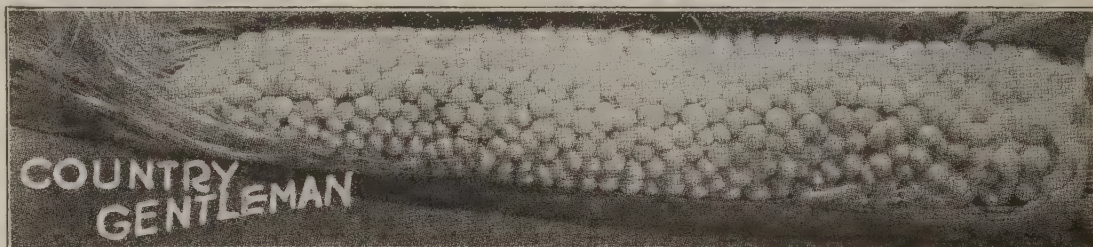
★**142½. GOLDEN OR BANTAM EVERGREEN.** (88 days.) Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. A fine second-planting variety Evergreen type of ear with 14 to 18 rows. Kernels rich golden yellow, deep with tender hull, sweet and fine quality. Pkt., (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.



Golden Bantam.

★**142. GOLDEN BANTAM.** (80 days.) Most popular variety in the United States. Everyone likes Golden Bantam. Indeed, many people will not take any other when it is obtainable. The flavor is deliciously distinct, superior to that of any other corn. The small 8-rowed ears, usually less than six inches in length and several on a stalk, are perhaps higher in sugar content than any other corn. It is only 10 to 12 days later than Golden Gem, making a good succession when both varieties are planted at the same time.

The kernels are tender, very wide and of good depth, while the cob is small and the flavor delicious. Pkt., (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

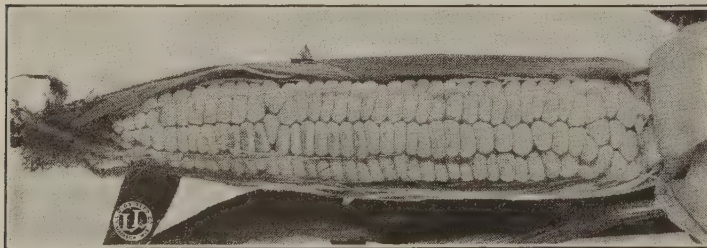


COUNTRY GENTLEMAN

SUCCESSION SWEET CORN COLLECTION

Plant all at one time and you will have sweet corn over a long period.

Gill's Golden Early Market, first early; Golden Bantam, second early, and Country Gentleman, late. One pkt. of each of the three, 20c; ½ lb. of each, 65c; 1 lb. of each, \$1.20, postpaid.



Golden Gem.

144. GOLDEN GEM. (60 to 70 days.) Without doubt the finest extra early yellow corn so far introduced. It is just as early as any of the white varieties and will sell much more readily than the white. The ears of Golden Gem are rather small, averaging from 6 to 7 inches in length, 8 rows to the ear and often are two to the stalk. Golden Gem is 10 days ahead of Golden Bantam and the quality fully equal to that famous old variety. Ideal for the North. Stalks 4 feet. Sold in pkts. only as crop failed. Pkt. (2 ozs.), 15c; 2 pkts., 25c, postpaid.

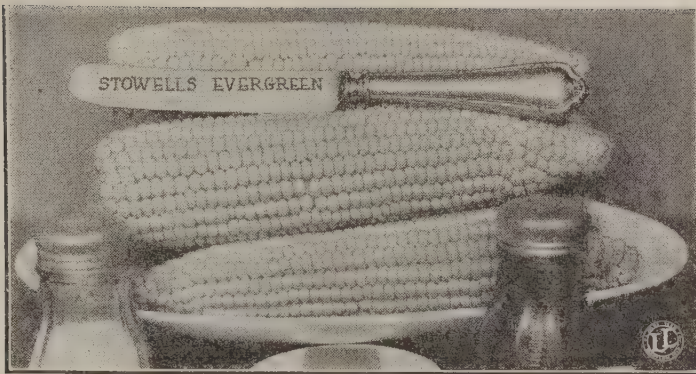
★**139½. COUNTRY GENTLEMAN.** (93 days.) Often called "Shoepeg" corn because of the long, narrow pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with two to five big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn and one of the best of the late varieties for table use. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

138. HOWLING MOB. (85 days.) This variety is so valuable that it heads the list with many growers. When it was first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop varieties. Very productive. Ears nine to ten inches long, with sixteen rows. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

146. GILL'S GOLDEN EARLY MARKET. (65 to 70 days.) A cross between Improved Golden Bantam and Early White Market. It is earlier and larger than Golden Sunshine and is an outstanding early corn and a money maker for gardeners. Large ears, usually 12 rowed of rich golden color, large sweet grains of high quality. It matures a full week earlier than Bantam. As we had a near crop failure on Golden Gem, we advise our customers to plant this in its place. It is very similar but slightly larger. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

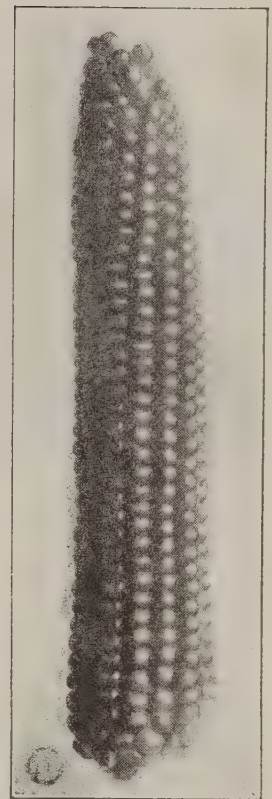
SEMESAN JUNIOR INCREASES CORN YIELDS

Semesan Junior costs only 2½c per acre and will reduce seed rotting, check seeding blight and certain seed-borne rots of root and stalk. Gives corn the healthy start necessary for a big yield. Only 1½ ounces needed per bushel. Prices: Pkt. (1½ ozs.), 15c, postpaid; 12-oz. can 50c, by mail, 65c; 6¼ lbs., \$3.75, by mail, \$4.00. Prices and sizes subject to change.



★147. **STOWELL'S EVERGREEN.** (96 days.) The best known and most largely planted of all late varieties. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use, hence the name, Evergreen. Ears are $2\frac{1}{2}$ " thick, 8 inches long and 13 to 20 rowed. Kernels are deep, clear white, and very tender. Stalks 8 ft. Pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

145. **EARLY EVERGREEN.** (88 days.) An extra fine strain of Stowell's Evergreen with large $7\frac{1}{2}$ " ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. 16 to 20 rows on each ear. Pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.



South American.

GARDEN



MERCHANDISE CERTIFICATE

Seeds and gardening supplies have become very popular as gifts and prizes due to the Victory Garden Campaign and many of our customers have asked us to sell them merchandise certificates. Garden items are seasonable and gardeners like to choose their own varieties and supplies, which makes a certificate ideal for this purpose. In response to this demand, we have prepared a merchandise certificate in the amount of \$1.00. This certificate will entitle the bearer to \$1.00 worth of merchandise selected from our catalog at any time. Merchandise Certificates, Each \$1.00, postpaid.

GARDEN



Olds' Pop Corn



Tom Thumb or Hulless. paid.

154. **TOM THUMB OR HULLESS.** (85 days.) Known also as Hulless, Dwarf Rice and Squirrel Tooth. This variety grows very dwarf, and the ears are short and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hulless and when popped there is no hard center, making it the finest eating of all varieties. It is a favorite in all markets. Pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 35c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.95, postpaid.

150. **WHITE RICE.** (90 days.) The familiar shoepegged variety, several good sized ears to each stalk. Pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 35c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.95, postpaid.

153. **SOUTH AMERICAN MUSH-ROOM.** Popular for making caramel corn. The kernels are large, of a deep orange color, nearly round in shape and smooth. When popped the kernels are mushroom shaped with a very delicious flavor and a buttery color. It is an immense yielder with stalks growing to a height of 6 to 8 feet, producing 2 to 3 large ears, 9 inches long or over. Pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 35c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.95, postpaid.

151. **MINHYBRID.** (83 days.) The Minnesota Experiment Station has developed a Hybrid Hulless or Tom Thumb Pop Corn which seems to be the last word in pop corn. Like all hybrids, it stands up well, has a heavy root growth, and develops a large ear. In developing this hybrid, popping qualities and size were of first importance. It matures earlier than Hulless and is resistant to smut damage. Trials show a 16 per cent greater yield and 29 per cent greater popping expansion. Nothing better to be had. Prices: Pkt. (2 ozs.), 15c; $\frac{1}{2}$ lb., 50c; lb., 90c; 2 lbs., \$1.70; 5 lbs., \$3.70, postpaid.

OLDS' CELERY

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants. Leaflet on celery culture, free on request. The figures after the name show time required for edible celery after setting plants. Seed requires three to four weeks to germinate.



Golden Self-Blanching.

117. **GOLDEN SELF-BLANCHING.** (85 days.) (American Grown.) The leading early variety of celery and for many years first in importance to celery growers. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender.

Golden Self-Blanching is the earliest to mature, is not liable to blight and is a good keeper and shipper. The best known, most grown, most wanted celery on the market today. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.80, postpaid.

118. **GIANT PASCAL.** (130 days.) A standard fall and winter green variety, but not a good shipper on account of its tender stalks. The stalk is of medium length and green; is very thick and nearly round, but flattened toward the base. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.80, postpaid.

115. **EASY BLANCHING.** (110 days.) One of the easiest to blanch and one of the best in quality. The plants make a quick, healthy growth with thick stalks, very tender and brittle. Pkt., 15c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.10, postpaid.

121. **WINTER QUEEN.** (130 days.) A desirable winter variety. Of medium height, broad, light green stalks; very solid and crisp. Heart blanches creamy-white. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.80, postpaid.

123. **UTAH OR GOLDEN CRISP.** (130 days.) Our new green celery, thick and firm. Excellent quality. See page 3. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.80, postpaid.

**PLANT A GARDEN FOR VICTORY,
HEALTH AND ECONOMY.**

FOR A REAL BARGAIN

See inside front cover showing Olds' Victory Garden Collection. \$3.00 value for \$1.45, postpaid.



Non-Bolting
Golden Plume Celery.

122. **NON-BOLTING GOLDEN PLUME.** (90 days.) A new variety recommended for early planting in the North where under unfavorable conditions all other strains will bolt to seed. Plants are medium size, stalky, full hearted and compact. The thick solid stalks blanch readily to a clear creamy white which are of the finest table quality. Pkt., 15c; $\frac{1}{2}$ oz., 70c; oz., \$1.30; $\frac{1}{4}$ lb., \$4.10, postpaid.

OLDS' SELECT CUCUMBERS



Stays Green.

157. STAYS GREEN. (60 days.) A popular early, dark green cucumber, grown extensively in the South for Northern markets. It is a White Spine variety; fruits symmetrical, nearly square ended, averaging 8x3 inches in size. Stays green, holds its deep green color longer than any other cucumber. The flesh is clear white, crisp and solid and contains very few seeds. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.60, postpaid.



158. OLDS' IMPROVED CHICAGO PICKLING. (59 days.) Our best seller of all cucumbers. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. An excellent pickling variety and early slicer. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.60, postpaid.

160. EARLY FORTUNE. (65 days.) Generally considered the finest type of all the White Spine varieties of cucumber. We call it one of the best cucumbers ever introduced; very productive and disease-resistant, dark green skin; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds. A leading market variety and also splendid for the home garden. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

163. STRAIGHT EIGHT. (68 days.) This outstanding variety produces symmetrical, cylindrical fruits about eight inches in length and one and one-half inches in diameter. Fruits are well rounded at the ends and of a deep green color when ready to use. They are free from objectionable striping or tipping. An ideal home and market variety. Pkt., 10c; oz., 30c; ¼ lb., 1.00; lb., \$3.10, postpaid.



Straight Eight.

CULTURE: Plant in hills 4 feet apart, as soon as the weather is favorable, sowing 8 to 12 seeds to a hill and covering about one inch deep. When the fourth leaf appears, thin to 3 plants to the hill. Hotkaps will hasten growth and protect plants. See page 26. A packet will plant 12 to 15 hills, two pounds one acre. Be sure and have the ground free from clods in growing long varieties. This will insure straight fruits. Use Slug Shot or Garden Guard for the striped bugs.



Pearl Harbor.

170. PEARL HARBOR CLIMBING. (58 days.) A distinct variety which can be planted to cover trellises and fences. When in the slicing stage it is of dark deep green color. It is a black-spined variety used primarily for slicing. Average fruits measure 9¼x3 inches. It is one of the most vigorous and disease-resistant growing cucumbers on our entire list and the edible qualities are fine. Pkt., 15c; 2 pkts., 25c, postpaid.

165. IMPROVED LONG GREEN. (70 days.) A standard main crop, black spine, table and pickling variety. Vines vigorous and productive. Fruits are 12 to 14 inches long, firm and crisp. Color deep green, flesh white and firm. Pkt., 10c; oz., 30c; ¼ lb., 1.00; lb., \$3.10, postpaid.

169. DAVIS PERFECT. (65 days.) White Spine type. A very popular strain. One of the smoothest and most uniform in shape of all cucumbers. Of a deep green color when in the slicing stage; medium late. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.60, postpaid.

156. EARLY GREEN CLUSTER. (55 days.) A small variety, about six inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.60, postpaid.



White Wonder.

171. WHITE WONDER. (60 days.) A beautiful snow-white cucumber that retains the white color when fully ripe. Smooth, 8 to 10 inches long, and very uniform. The flavor is very pleasing and the flesh firm and crisp. White Wonder is a heavy bearer and is fine for slicing and pickles. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.60, postpaid.

167. ACE. (60 days.) Also known as A. C. This cucumber is very uniform in length. Size 12x3 inches with an average weight of about two and one-half pounds. Because of its uniformity and dark green color, it is becoming increasingly popular for market purposes. The fruits taper at both ends and flesh is very thick. Vigorous and high yielding. Similar to Longfellow but shorter, better color, and more prolific. Pkt., 10c; oz., 30c; ¼ lb., 1.00; lb., \$3.10, postpaid.



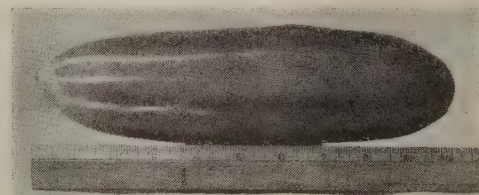
Longfellow.

172. LONGFELLOW. (70 days.) The cucumbers are 12 to 16 inches long, thinner than Davis Perfect and very uniform in shape and size, with decidedly few seeds. White spine. The color is dark green and will remain so until ripe. Pkt., 10c; oz., 35c; ¼ lb., \$1.05; lb., \$3.20, postpaid.



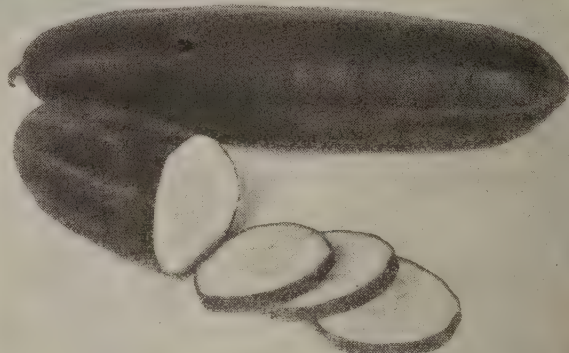
161. SELECT WHITE SPINE. (65 days.) We think this is the best White Spine; no other variety excels it in quality. A very select strain, almost cylindrical in shape, very productive. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.60, postpaid.

159. EARLIEST WHITE SPINE. (60 days.) The earliest White Spine. It is, in fact, probably the earliest of all large cucumbers, being fully ten days ahead of the other big ones. Uniform, smooth, handsome in appearance. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.60, postpaid.



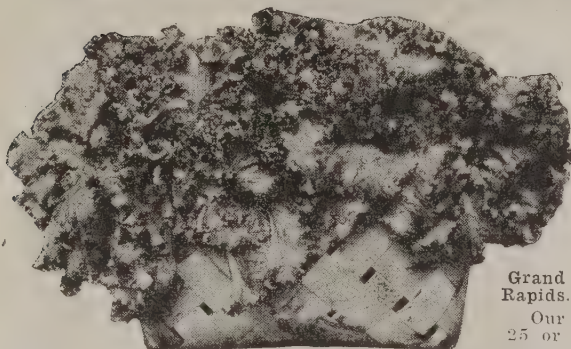
Colorado.

161. COLORADO. (68 days.) Received the silver medal in the 1935 All-America trials. Fruits of very dark green measuring eight and one-half by two and a quarter inches. Cylindrical in shape, tapering at the stem end with small seed area. Splendid for market and shipping. Outstanding both in appearance and for slicing texture. Pkt., 10c; oz., 30c; ¼ lb., 1.00; lb., \$3.10, postpaid.



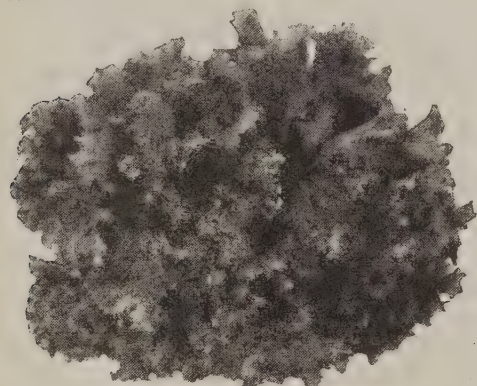
Ace

Olds' Crispy Lettuce



Grand Rapids.

215. **GRAND RAPIDS.** (Olds' Earliest Forcing.) (43 days.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

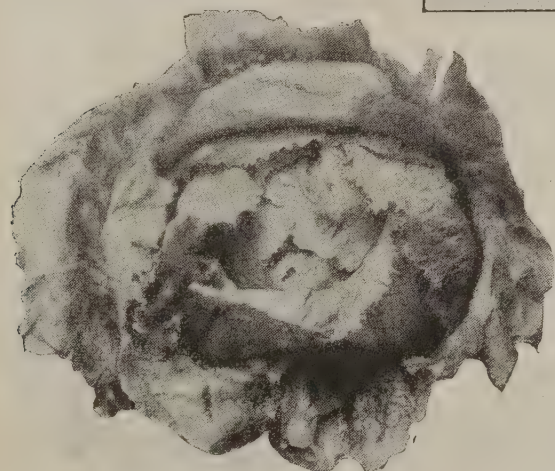


Black-Seeded Simpson.

219. **BLACK-SEEDED SIMPSON.** (46 days.) Probably the most widely planted loose-leaf variety. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Our favorite lettuce of all the varieties. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

234. **OLDS' LETTUCE MIXTURE.** A splendid mixture of all varieties and types of lettuce that we list. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.85, postpaid.

216. **ICEBERG.** (84 days.) A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Very popular in the Northwest. Pkt., 10c; oz., 30c; ¼ lb., \$1.10; lb., \$2.35, postpaid.



Iceberg.

CULTURE: A light rich soil is best for this vegetable but it will do well on practically any good garden soil. The best lettuce will be had by keeping the crop growing rapidly. Leaf lettuce should be planted in the open ground as soon as it can be worked. Sow in rows and thin to a distance that will allow proper growth. Head lettuce should be started either in cold frames and transplanted in the open or sown in about the same manner as the loose leaf. The plants should be thinned to about 12 inches apart.

It is necessary to have cool weather for lettuce to head up well and the earlier the plants can be started in the field the surer you are of a crop.

Our packets each contain enough seed to sow 25 or 30 feet. Three pounds will sow an acre.

BUYING SEEDS

We doubt whether any other business is built up and maintained on character and confidence to the extent of the seed business. Nor is the purchaser so dependent on the knowledge and integrity of the seller in any other business. It is impossible for any one to tell by looking at seed whether it will grow or whether it will produce the kind of crop desired. Buying seed then is largely a matter of confidence. We are gratified to know that our customers realize this and that for over half a century they have depended upon us for their seeds. As a result of this confidence many new orders are sent us each year solely because friends had recommended us to them. If you like our seeds tell your friends and send us their names and we will send them a free catalog.

230. **CHICKEN LETTUCE.** A medium green, loose curly leaf lettuce that grows tall. Leaves are thick with straight edges. The largest lettuce in cultivation, especially at maturity when it begins to seed. Used for feeding pets, chickens, ducks, and also for pickling. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.



New York or Wonderful.

218. **NEW YORK NO. 12 OR WONDERFUL.** (70 days.) The largest head lettuce of all and the most popular. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Ready for market in 65 to 70 days from planting time. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.30, postpaid.

229. **COSBERG.** (No. 600.) (70 days.) The best head lettuce for the North. See page 2 for description. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.60, postpaid.

221. **OLDS' OAKLEAF.** (50 days.) A distinct type of lettuce and one of our specials. See page 1 for description. Pkt., 10c; oz., 35c; ¼ lb., \$1.05; lb., \$3.10, postpaid.



Paris White Cos.

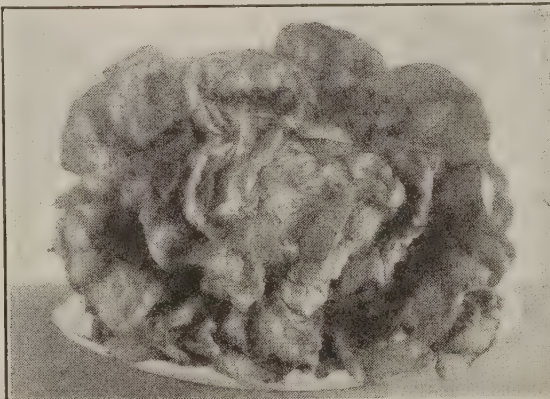
231. **PARIS WHITE COS.** (66 days.) The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads which are self-blanching. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.



220. **EARLY PRIZE HEAD.** (47 days.) One of the best known and most popular varieties in America. It is not a head lettuce but a curled, crisp, loose leaf lettuce of medium size; color, green overlaid with reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

217. **HANSON'S IMPROVED.** (80 days.) The old reliable sure heading variety. Hardy, globular, large and light colored. Leaves fairly large, blistered and crumpled. Color light green. Quality good. This variety will withstand the hot season better than most sorts and is a slow seeder. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.35, postpaid.

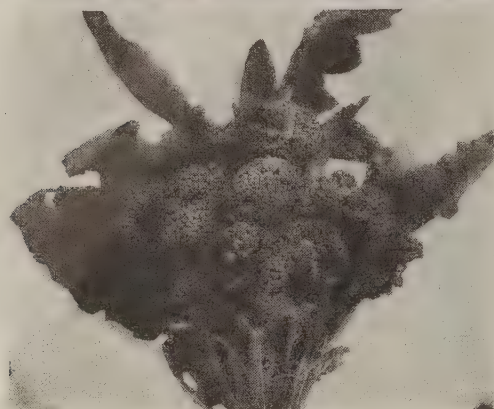
227. **MAY KING.** (63 days.) A cabbage type with butter head. Medium small, light green, tinged slightly at the edges with brown; one of the best extra early-heading sorts. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.35, postpaid.



May King.

OUT OF THE ORDINARY VEGETABLES

DO YOUR PART. Buy Bonds, and
keep them.
Grow a Good Victory Garden.



Green Sprouting Broccoli.

BROCCOLI

★97. **GREEN SPROUTING.** Hardier and easier to grow than cauliflower. This new and distinct variety of Broccoli forms a plant with a large solid head that remains green. When the central head is cut, numerous sprouts develop from the large axis, every sprout terminating in small, green heads. These heads are cut and served like cauliflower. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50, postpaid.



Early White Vienna Kohl Rabi.

KOHL RABI

Kohl Rabi has a mild turnip and cabbage flavor. The bulb, which is formed above the ground, is cooked when young and tender like turnips. As easy to grow as a radish.

205. **EARLY WHITE VIENNA.** Probably the best early variety. Small tops. Medium size, handsome, white bulbs. Pkt., 10c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00; lb., \$9.00, postpaid.

206. **PURPLE VIENNA.** A popular purple variety for table use. Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

PLEASE NOTE: Varieties marked ★ are recommended for freezing.

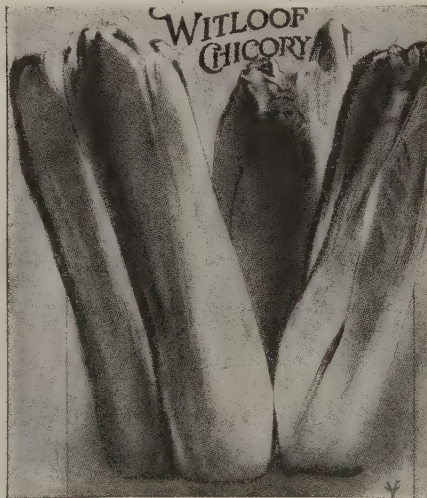


Brussels Sprouts.

BRUSSELS SPROUTS

Brussels Sprouts are miniature cabbages formed on the plant stalk. The culture is the same as that of cabbage.

★65. **LONG ISLAND.** The plants are strong and robust, and the stalks are large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts are fine and solid the entire length. Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00, postpaid.



CHICORY. The Winter Delicacy.

Sow in spring in rows 18 inches apart. Store parsnip-like roots in sand until wanted for winter use. Two weeks before using, trim off roots at lower end to 8 or 9 inches, then place upright in soil and cover with about 8 inches of sand. Keep in a temperature of about 60 degrees. A good white salad Witloof about 6 inches long should be ready in two weeks. Stored roots may be forced in darkness to obtain blanched tops. Some grow it like celery.

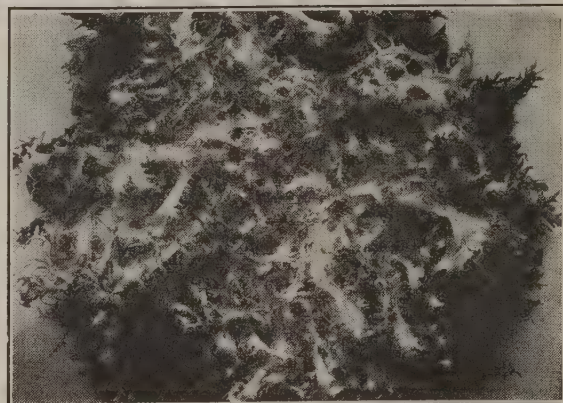
130. **WITLOOF CHICORY.** (French Endive.) A delicious winter salad. Grown for its delicate shoots. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.80, postpaid.

CHIVES (Schnittlauch)

279. Chives belong in the perennial class of onions. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Only the tops are used for cooking. A pretty plant in the rock garden, with its purple blossoms. Seed: Pkt., 15c; ½ oz., 60c; oz., \$1.00. Plants: 3 for 50c, postpaid.

CHINESE OR CELERY CABBAGE

83½. **CHIHLL.** Earliest and surest heading Chinese Cabbage. This plant does not form a solid head like cabbage, but grows a long, loose head somewhat like Cos lettuce. It is very mild and a real delicacy. Don't plant early. Plant late in July in rows and thin to about a foot apart. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50, postpaid.



White Curled Endive.

ENDIVE

Endive or French Lettuce is one of the finest salad greens and is also valuable for garnishing. It can also be used for flavoring stews and soups.

185. **GREEN CURLED.** Dark green leaves; blanches white. Very attractive.

186. **WHITE CURLED.** Leaves finely cut and almost white. Fine for salad.

187. **BROAD-LEAVED BATAVIAN.** Leaves very broad. All above varieties. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

188. **DEEPHEART FRINGED.** Our new Endive. See page 2. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

CELERIAC (ROOT CELERY)

125. **NEW GIANT PRAGUE.** A type of celery where the roots are eaten instead of the tops. An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about two inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salads, etc. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.80, postpaid.

CRESS

The green leaves are used for salads and flavoring.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Pkt., 15c; 2 pkts., 25c; ½ oz., 50c; oz., 90c, postpaid.

133. **UPLAND.** (Spring Cress.) Dwarf plant with slender stalks and oval notched leaves, used in salads. Pkt., 10c; oz., 25c.

EGG PLANT

Egg Plant is easily grown and is a good substitute for meat. When cooked in fat it has a fine food value and is also good when sliced, rolled in beaten egg yolk and crumbs, seasoned and fried to a crisp brown.

181. **BLACK BEAUTY.** The best egg plant to grow for early market. Also the best for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.30, postpaid.

182. **NEW HAMPSHIRE HYBRID.** Our new egg plant excellent for the North. See page 2 for illustration and description. Pkt., 10c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$2.90, postpaid.

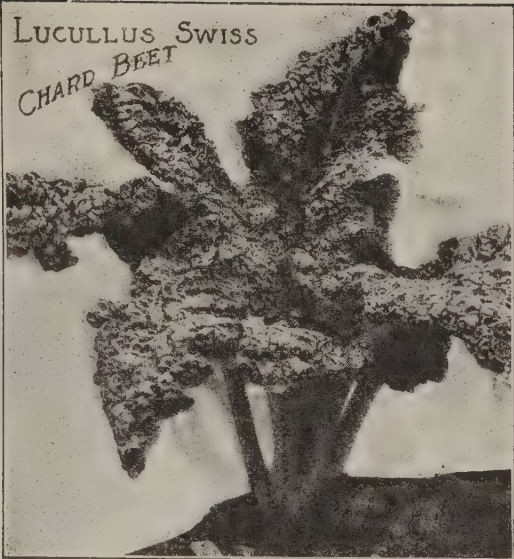


Chinese or Celery Cabbage.



Black Beauty Egg Plant.

LUCULLUS SWISS CHARD BEET



SWISS CHARD

★52½. **LUCULLUS.** (55 days.) The city gardener's friend. Largely used for greens. Grows again after being cut off. The plants grow from two to two and one-half feet in height. Stalks are thick, broad and flat, also delicious when cooked and served like asparagus. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.30, postpaid.

53. **DARK GREEN, WHITE RIBBED.** (55 days.) A fine variety for the home garden. Leaves are smooth and very dark green. The stalks and mid-ribs are broad and white. Very attractive and more easily cleaned than Lucullus. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.30, postpaid.

SOW THE SEED OF FREEDOM. PLANT A VICTORY GARDEN.



Garden Huckleberry.

GARDEN HUCKLEBERRY

200. **GARDEN HUCKLEBERRY — WONDERBERRY.** A wonderful, prolific plant needing same culture as tomatoes. When ripe the berries are about one inch in diameter, of shining black color. They make delicious pies, preserves and jam. Fruit is non-edible when not fully ripened. Recipe for use on each packet. Pkt., 10c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

GARLIC

Garlic comes in bulbs which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, ½ lb., 40c; lb., 65c; 2 lbs., \$1.15; 4 lbs., \$2.20, postpaid.

OLDS' GOURDS

190. **CALABASH.** The gourd used in making the Calabash pipe. Pkt., 10c; oz., 20c, postpaid.

191. **DIPPER.** The old long handle dipper was made from this variety. Pkt., 10c; oz., 20c, postpaid.

193. **HERCULES CLUB.** Edible, ornamental and useful. Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

199. **MIXED GOURDS.** This mixture contains a very wide range of colors, shapes and sizes. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

Plant An Herb Garden.

OLDS' HERBS

480. **ANISE.** The leaves of this annual herb are finely fringed; used in garnishing and flavoring. Pkt., 10c; ½ oz., 50c; oz., 90c, postpaid.

483. **CARAWAY.** (Annual.) Seed used in rye bread, cookies and cakes. Pkt., 10c; ½ oz., 30c; oz., 50c, postpaid.

484. **CORIANDER.** An annual herb. The seeds are used in pickles and confectionery. Pkt., 10c, postpaid.

485. **DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

486. **HOREHOUND.** (Perennial.) Leaves are used in confectionery and for seasoning. Pkt., 20c; ½ oz., \$1.80; oz., \$3.50, postpaid.

492. **SAGE.** (Perennial.) Dried leaves much used for seasoning in dressings; the most popular of all herbs. Pkt., 25c; 2 pkts., 40c, postpaid.

494. **SUMMER SAVORY.** Annual herb. Dried leaves and flowers are used for flavoring soups and dressings. Pkt., 15c; ½ oz., \$1.00; oz., \$1.80, postpaid.

488. **SWEET FENNEL.** A perennial herb. Seeds are used in confectionery. The young shoots can be eaten raw or used in soups and salads for flavoring. The plants grow about three feet high with large yellow flowers. Pkt., 15c; ½ oz., 80c; oz., \$1.20, postpaid.

498. **WORMWOOD.** Perennial herb. The dried leaves are used as a poultry tonic. It has a fragrant, spicy odor and a bitter taste. Pkt., 20c; 2 pkts., 35c, postpaid.

499. **MIXED HERBS.** A mixture of all varieties. Pkt., 15c; 2 pkts., 25c, postpaid.

GARDENING FOR HEALTH

Sweet Corn and Green Peas are at their sweetest and best only when they can be brought direct from the garden to the kitchen and cooked within an hour or so. This is true of most all vegetables. Remember Vitamins are the most abundant in the fresh green and yellow vegetables.

Have them fresh to have them healthful.

OKRA

The long pods are used in soups and salads.

278. **EARLY DWARF LONG POD.** An early dwarf growing variety producing an abundance of long fruited, dark green, four-inch pointed pods. Seed of this variety can be planted in the open ground. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid.

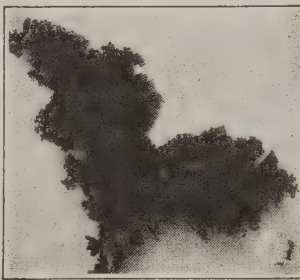


Early Dwarf Long Pod Okra.

KALE

Kale is usually grown for greens and is also used here in the North as winter green feed for chickens.

★201. **DWARF CURLED SCOTCH.** Dwarf spreading variety. Attractive bright green color. Very hardy. Pkt., 15c; oz., \$1.00; ¼ lb., \$3.00; lb., \$9.00, postpaid.



Dwarf Curled Scotch Kale.



Olds' Mustard Spinach.
(40 days from seed.)

MUSTARD

Used for greens and salads during the hot summer months.

257. **SOUTHERN GIANT CURLED.** Most popular variety. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.40, postpaid.

259. **MUSTARD SPINACH OR TENDER GREEN.** This is an Oriental type of mustard which is now grown for greens. It is a very desirable quick growing, tender variety with long, broad, smooth leaves and white mid-ribs. The leaves are usually ready for cutting in 3 to 4 weeks after planting. Dry weather will not injure the crop. The flavor of this new vegetable resembles Spinach with a very mild mustard taste. The best summer green. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.40, postpaid.

SALSIFY OR VEGETABLE OYSTER

397. **MAMMOTH SANDWICH ISLAND.** This is the best variety of Salsify; in fact, the only one worth considering. The roots are long, smooth and straight.

Pkt., 10c; oz., 60c; ¼ lb., \$1.70; lb., \$5.00, postpaid.

Recipe for use: Scrape the roots clean, cut up and boil in water. When cooked soft (do not drain), add milk and flavoring, the same as for oysters.

LEEK

Leeks belong to the onion family and are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. **AMERICAN FLAG.** Large, thick stems. Pkt., 15c; oz., 80c; ¼ lb., \$2.75, postpaid.

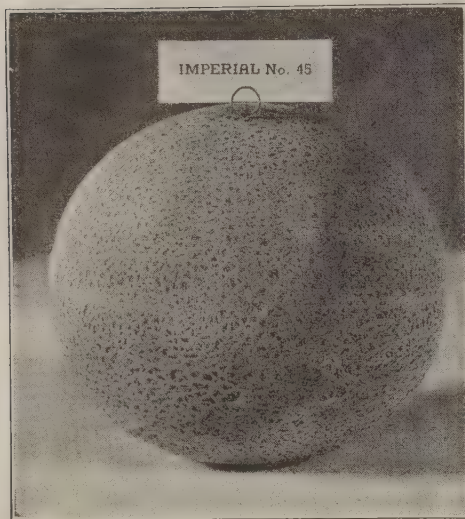


American Flag Leek.

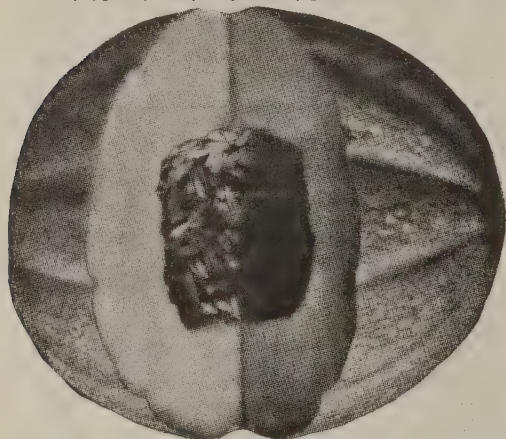


Salsify.

OLDS' BETTER MUSKMELONS



236. IMPERIAL NO. 45. (88 days.) An excellent powdery mildew resistant mid-season variety. Introduced by Dr. Jaggar in the Imperial Valley in California. Ninety-nine and one-half per cent resistant in field tests. Poor quality in melons some seasons is traced to a touch of mildew and for this reason it is good insurance to plant a resistant variety. Vines are vigorous and exceedingly sturdy and strong and remain green longer than any other variety. Fruit is slightly oval with ribs hardly noticeable. Flesh is very thick, deep salmon and edible to the rind. Seeds are compact in the center and do not jar loose with handling. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.80, postpaid.



241. MILWAUKEE MARKET. (90 days.) One of the best melons for both market and home garden. Prolific, vigorous in growth and delicious in flavor. This melon is now more largely grown in this section at least, than any other variety. The skin is light green, fruits nearly round with a small seed cavity. Flesh a deep salmon color, thick, firm and solid. Seed is taken from the first set crown fruits. Pkt., 10c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50, postpaid.



Our muskmelon seed is taken from first set crown fruits. The seed is all cut by hand and melons not true to type are discarded.

CULTURE: Muskmelons like a warm, rich soil, preferably sandy. Plant in the open ground as soon as the weather is warm. Plant seed in hills 4 to 6 feet apart each way and 8 to 10 seeds in a hill. After the danger of insects is over thin to 3 plants to a hill. Fertilizer worked into the soil is a great help. Muskmelons can be started in paper pots or squares of overturned sod and transplanted to the open field. In this way you gain 2 to 3 weeks in earliness. Planting can be done earlier with less danger of cutworms if you use Hotkaps. See page 26. Use Garden Guard or Slug Shot for the bugs. One packet of seed will plant 10 to 15 hills; 2 to 3 pounds an acre. For larger amounts than quoted, ask for Market Gardeners' List.

244. ROCKY FORD. (92 days.) Just the right size to serve in halves. It is medium early with vigorous and productive vines. The melons are almost round, ribbed, densely netted; flesh, green, of the finest quality; good shipper. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

254. TIP TOP. (95 days.) Tip top in quality, appearance and productiveness. Skin pale green, ribbed and lightly netted. Flesh deep salmon, sweet and spicy, fine flavored. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

253. HONEY DEW. (110 days.) A distinct melon of the Casaba type. Smooth-skinned of a light cream color. Melons 8 to 10 inches. Flesh green and very sweet. Late. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.80, postpaid.

245. CRAIG. (90 days.) Our new melon for the North. See page 1 for illustration and description. Pkt., 15c; 2 pkts., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50.

237. CRANSHAW. (110 days.) Our new Casaba type melon. Nothing finer. See page 2 for description and illustration. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.80, postpaid.

248. BANANA. (100 days.) A very vigorous, hardy, main-crop melon, growing very long fruits, shaped somewhat like a banana. Fourteen inches in length and four inches in diameter. It is banana-colored and pink-fleshed. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.80, postpaid.

246. PRIDE OF WISCONSIN. (95 days.) A market and home garden muskmelon, very similar to Honey Rock but better. See page 3. Pkt., 10c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

243. BENDER'S SURPRISE. (95 days.) A delicious, large, salmon-fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.50, postpaid.



247. HEARTS OF GOLD OR HOODOO. (94 days.) (Improved Hoodoo.) One of the finest types of the early, small, salmon-fleshed melons. The melons are round, weighing about 1½ pounds each; lightly ribbed with a fine gray netting; flesh sweet, very thick, deep salmon color; seed cavity, very small. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.80, postpaid.

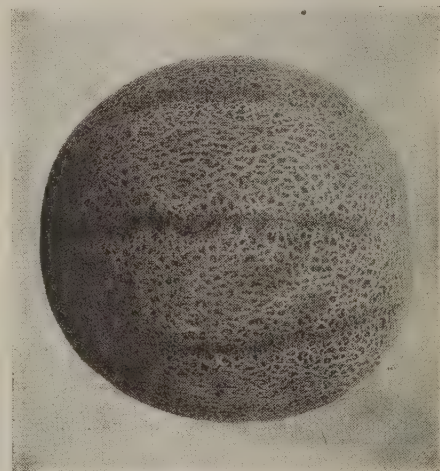
247½. GOLD LINED ROCKY FORD. (95 days.) A splendid type of the green-fleshed Rocky Ford, with gold lining next to the seed cavity, making it unusually attractive when cut. Very thick-fleshed, spicy and sweet. Nearly round and completely covered with netting. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.25, postpaid.

239. SELECT OSAGE. (95 days.) An oval-shaped salmon-fleshed melon, exceptionally thick-meated, and spicy. The Osage has a reputation for quality ahead of most varieties. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.25, postpaid.



Schoon's Hard Shell.

240. SCHOON'S HARD SHELL. (90 days.) An excellent market melon. The fruits, which weigh five to seven pounds, are thick, oval shape with a heavy blossom scar which resists cracking. Ribbing is prominent with coarse netting. Gray-green color becoming yellow at maturity. Very hard and tough. The thick flesh is deep salmon-orange, solid, well flavored and of excellent quality. Fruits average 6 inches in diameter, 7½ inches in length. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.80, postpaid.

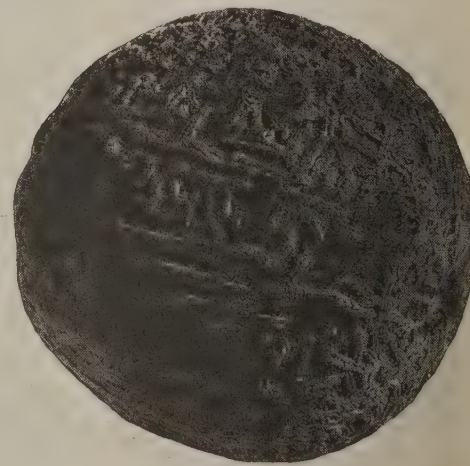


Hale's Best.

242. HALE'S BEST. (85 days.) An outstanding early-shipper melon. Fruits oval, inconspicuous ribbing with heavy netting. Flesh extremely thick, salmon-orange, sweet and of very fine quality. Fruits measure about 6½ by 5 inches in diameter. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.80, postpaid.

251. HONEY OR SUGAR ROCK. (90 days.) This melon has three outstanding characteristics—quality, productiveness and striking appearance.

The Honey or Sugar Rock has a deep orange flesh and a flavor different from other sorts. The fruits are oval and medium in size, not ribbed. This melon is not as large as the Milwaukee Market but is sweeter. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.25, postpaid.



Honey or Sugar Rock.

Olds' Delicious Watermelons



Early Kansas.

274. EARLY KANSAS. (85 days.) A recent introduction of outstanding merit. It is rapidly gaining wide popularity on the markets of the mid-west and northern states. The size is large, many fruits weighing forty to fifty pounds. The average size is about 13 by 15 inches. It is remarkably early and of fine quality. Rind is dark green with alternate stripes of a lighter shade and is of medium thickness well suited for carrying reasonable distances. The flesh is rich red color of a delightful flavor. Seeds shiny brown. We advise our northern melon growers to be sure to try this new variety. In comparison with Dixie Queen it is a trifle larger and earlier. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.



Halbert Honey.

273. HALBERT HONEY. (85 days.) An excellent, medium early melon for home use. In flavor, color and texture, similar to Kleckley's Sweet. Medium to large in size, oblong in shape; color, dark green, lightly laced with fine veins; flesh, sweet and brittle; too thin a rind for shipping. Seeds white. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.80, postpaid.

272. GOLDEN HONEY. (90 days.) The flesh is a beautiful glistening amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and handsome appearance. The skin is green with irregular stripes of darker green. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.60, postpaid.

269. WILT RESISTANT KLONDIKE NO. 7. (90 days.) This is the first strain of Klondike Watermelon to be released that shows a high resistance to wilt. All the desirable characteristics and quality of the old Klondike have been retained with the added feature of being wilt resistant. The seeds are mostly black intermingled with lighter shades. Klondike, in our estimation, is the best and sweetest of all melons. The thin rind is dark green, shape long, very symmetrical. Flesh distinct shade of deep red. Seeds small. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.20, postpaid.



Wilt Resistant Klondike No. 7.

Our watermelon seed is the best for planting in the North. Each packet contains seed enough for 8 to 12 hills. Four or five pounds will plant an acre. Do not plant too early and plant in sandy soil if you have it. Hotkaps will produce earlier melons and protect your plants from insects. See page 26. It pays well to use fertilizer for melons.

CULTURE: Plant in hills 8 to 10 feet apart each way. When the danger of insects is over thin to 3 strong plants to a hill. Use Slug Shot to kill insects. For larger amounts of seed ask for Market Gardeners' List.

270½. KLONDIKE. (90 days.) (Dark Seeded Strain No 3.) We consider Klondike the best medium season melon and the very sweetest of all melons. The thin rind is dark green, shape long; very symmetrical; flesh distinct shade of red. Seeds small. It is very sweet, crisp and tender, and is a heavy yielder. The heart is very large. If quality and flavor are wanted, this is the melon to plant. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

266. EARLY CANADA. (73 days.) Probably the earliest watermelon grown today. Recommended for the northern states and Canada. The size is medium, about 10x9½ inches, and fruits weigh about 15 pounds. Flavor is good. The outside color is grayish-green or almost white at maturity with fine green veins. The rind is thin and flesh is bright red with small mahogany-brown seeds. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

263. FORDHOOK EARLY. (75 days.) An extremely early variety. Its value to the home gardener in the North is largely in its earliness. The melons are of good size and nearly round; the skin is dark green with occasional stripes of lighter green. The rind is thin; flesh, bright red, crisp, and remarkably sweet. Seeds white. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.40, postpaid.

262. COLE'S EARLY. (75 days.) Medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink, rather a darker shade than some others, firm and delicious. Seeds black. Nothing surer than this variety for hard situations. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

261. SWEETHEART. (90 days.) A large oval melon, medium early in season. Remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. Black seeds. A very popular variety. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.40, postpaid.

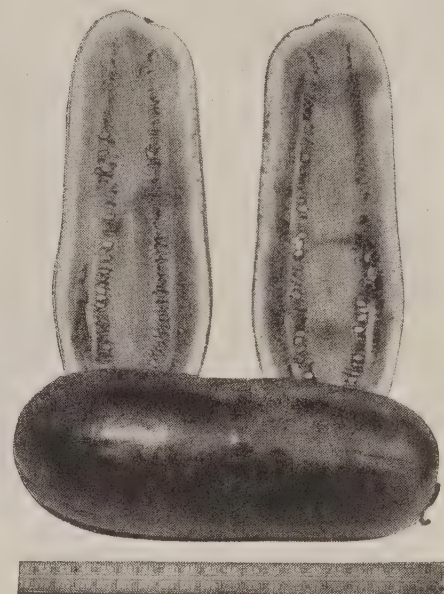


Tom Watson.

271. TOM WATSON. (90 days.) The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Seeds brown. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.60, postpaid.

275. CITRON. (95 days.) Colorado Preserving. Green seeded, perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.40, postpaid.

276. WINTER or XMAS. (85 days.) This melon is early, very prolific, almost round; color, light green. The flesh is red, sweet; almost as hard as a citron. If properly stored will keep for months. It is now becoming very popular on the market. Dip in wax to store for winter. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.40, postpaid.



Wilt-Resistant Kleckley's Sweet.

268. IMPROVED KLECKLEY'S SWEET NO. 6 WILT-RESISTANT. (88 days.) A true Kleckley's Sweet which is wilt-resistant. Recommended for wilt-sick soil. If you have diseased soil, this is the variety to plant. It is dark green, of good length, with rich red flesh and white seeds. Average weight about 35 pounds. Size, 22x11 inches. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

265. DIXIE QUEEN. (85 days.) An exceedingly fine quality melon which is very popular with gardeners and shippers. See page 3. Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

260. STONE MOUNTAIN. (90 days.) A very popular melon in the South where it originated and one of the finest we have ever eaten. This melon is very large, round or blocky in shape. The flesh is rich scarlet, very sweet, with few seeds. Seeds white. A prolific melon but not recommended for shipping long distances. Rind of this variety makes the best pickles of any sort on our list. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.60, postpaid.

270. KLECKLEY'S SWEET. (80 days.) (Monte Cristo.) Our best seller of the whole list of watermelons. A fine, well-known, medium early variety. It is a medium-sized dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the rind. It is solid, crisp and melting; rind thin; flavor, very sweet and pleasing. Seeds white. A wonderfully satisfactory variety for home gardens and near-by-market. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.60, postpaid.

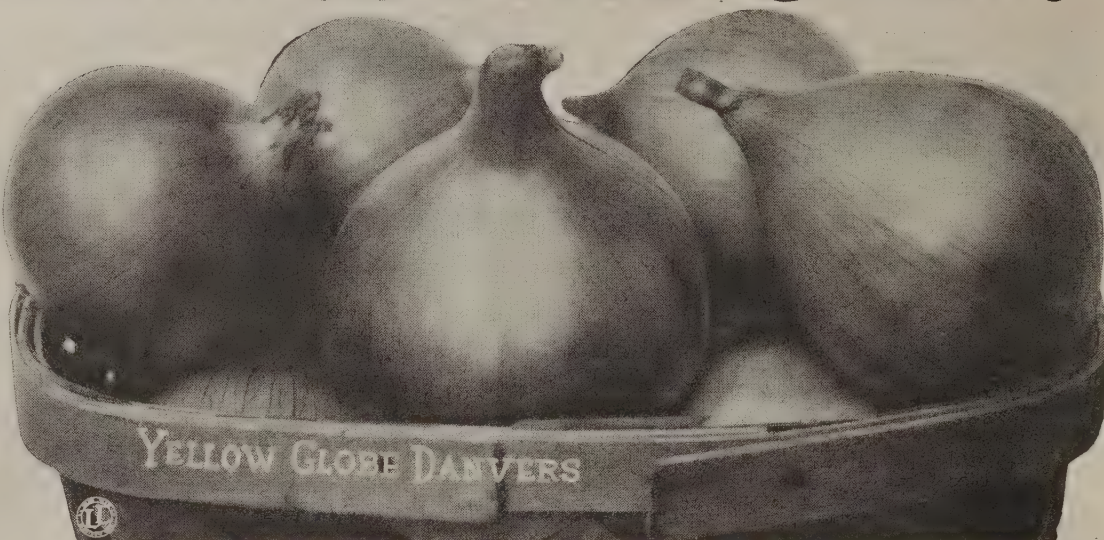
264. LEESBURG. (85 days.) A wilt-resistant Kleckley Sweet introduced by the Florida Experiment Station. See page 3 for description. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.80, postpaid.



Winter or Xmas.

Olds' Hand Selected Onions

CULTURE: As early as possible, sow thinly in rows one foot apart, thinning later to 3 or 4 inches apart. Keep the surface of the ground open and free from weeds, using fertilizer if you want a maximum yield. When the bulk of the tops have turned yellow and have fallen over, the onions are ready to harvest. They should be pulled at this time and left to lie in small piles for a couple of days and then removed to an airy shed. When cool weather arrives store in a cool, dry root cellar. Time required to raise matured onions varies greatly in different sections so we are not giving a schedule of days. A packet of seed will plant 25 to 30 feet of drill; one ounce 200 feet, and four pounds an acre. Write for prices on larger amounts than quoted. (See page 23 for maggot control.)



SPANISH ONIONS

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. For this reason we do not recommend planting them in northern Wisconsin and similar latitudes.

285. YELLOW GLOBE DANVERS. Olds' Yellow Globe Danvers is a solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow-white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the very best. It is the earliest good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. Pkt., 10c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50, postpaid.

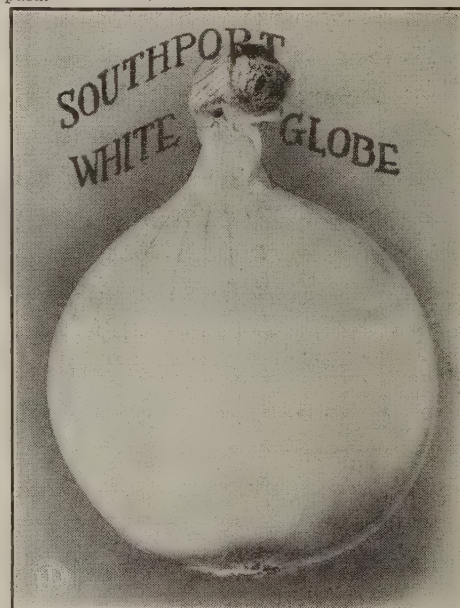
300. SELECT OHIO YELLOW GLOBE. A selection from the Yellow Globe Danvers made by onion growers in Lake County, Ohio. A highly bred variety valuable on rich, high-ground soils, and we find that it is the best onion for low ground (muck or peat soils). It ripens evenly, is easily harvested, and will not go to necks on low ground as some varieties do. It is globe shaped like the Danvers but a few days later. Pkt., 10c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50, postpaid.

299. AUSTRALIAN BROWN. Without any exception the most solid and longest keeping onion grown. In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Its extreme solidity is shown by the fact that a measured bushel will weigh several pounds more than the standard legal weight for a bushel of onions. A good variety to grow for sets. Pkt., 10c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50, postpaid.

287. EXTRA LARGE RED WETHERSFIELD. The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. We have a strain selected for extra large type. Pkt., 10c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50, postpaid.



290. SOUTHPORT YELLOW GLOBE. A globe shaped onion of fine golden yellow color. Somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Pkt., 10c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50, postpaid.



292. SOUTHPORT WHITE GLOBE. A handsome onion with a pure delicate paper-white skin. Flesh crisp, fine-grained, snowy white and mild; a good keeper for a white variety. Pkt., 10c; ½ oz., 55c; oz., 90c; ¼ lb., \$2.80; lb., \$8.50, postpaid.

291. SOUTHPORT RED GLOBE. A large, handsome, dark red onion with small neck, small top and of mild flavor. Excellent for keeping qualities. Pkt., 10c; ½ oz., 50c; oz., 80c; ¼ lb., \$2.50; lb., \$7.50, postpaid.

BERMUDA ONION

283. CRYSTAL WHITE WAX. One of the most attractive Bermuda varieties. It is large, flat, pure white, very early, mild in flavor; in fact can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Not a good keeper. Pkt., 15c; ½ oz., 70c; oz., \$1.30; ¼ lb., \$4.00; lb., \$12.00, postpaid.

CHIVES

279. ALLIUM SCHOENOPRASON. (Schnittlauch.) Chives belong in the perennial class of onions. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Only the tops are used in cooking. A pretty plant in the rock garden, with its purple blossoms. Seed: Pkt., 15c; ½ oz., 60c; oz., \$1.00. Plants: 3 for 50c, postpaid.

PRIZETAKER



297. PRIZETAKER. Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild, sweet flavor and a fair keeper, ripening evenly. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.15; lb., \$9.50, postpaid.

298. SWEET SPANISH. (Utah Strain.) An extremely large, mild and sweet globular-shaped onion and very handsome. The flesh is clear, white and tender. Under favorable conditions these onions will weigh over two pounds each and when placed on the market will outsell the other varieties at much higher prices. The earliest Spanish onion. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.15; lb., \$9.50, postpaid.

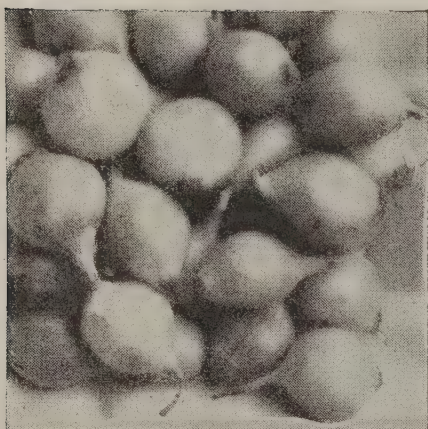
288. AILSA CRAIG. An English strain of Spanish onion, much like the Prizetaker, but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.15; lb., \$9.50, postpaid.

301. WHITE SWEET SPANISH. The largest of all white onions. The globular bulbs are very attractive, pure white with a small neck. Flesh is clear, quite firm and mild. A fair keeper considering its fine texture and the fact that it is a Spanish type onion. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.15; lb., \$9.50, postpaid.

GARLIC SETS

Garlic comes in bulbs which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, ½ lb., 40c; lb., 65c; 2 lbs., \$1.15; 4 lbs., \$2.20, postpaid.

OLDS' ONION PLANTS AND SETS



Yellow Bottom Onion Sets.

OLDS' ONION SETS

We offer choice, dry, select Onion Sets, the best to be had. Bottom sets should be planted very early in the spring, the earlier the better. A pound will plant a row 30 feet long, two to three inches apart in the row. Egyptian or Winter Sets should be planted in the fall. See our Fall catalog.

YELLOW BOTTOM SETS: Lb. 35c; 2 lbs. 65c, postpaid.

WHITE BOTTOM SETS: Lb., 40c; 2 lbs., 75c, postpaid.

HOUSEHOLD LABEL BOOK

Here is a label book that should be in every home. Labels are a necessity many times during the year for canning, for mailing special delivery, numbering, decorating place cards, marking books, files and hundreds of various purposes. Our Household Label Book contains pages of printed gummed labels for canning, pages of household labels such as Airmail, Special Delivery, etc., pages of numbers and letters and blank labels all bound together in a neat book ready to use when occasion demands. Our supply is limited, so order early. Price, 30c, postpaid.

FROST PROOF ONION PLANTS

Southern Grown Frost Proof Onion Plants have been giving satisfactory results for many years and are well out of the experimental class. We sell a carload of these each year. They are grown by experts and properly packed so that they will reach the customers in good condition. The seed is planted in the fall in Texas where they grow out-of-doors during the winter so they are hardy and are ready to be planted early.



Ready April 15th.

Frost Proof Onion Plants. Prices: (Large bunch, 75 to 100 plants). 35c; 2 bunches, 65c; 5 bunches, \$1.40; 10 bunches, \$2.70, postpaid. Not prepaid, crate of 60 bunches, \$9.00.

Order early. Hot weather in Texas makes it impossible to fill orders after May 10th.

OLDS' PEPPERS

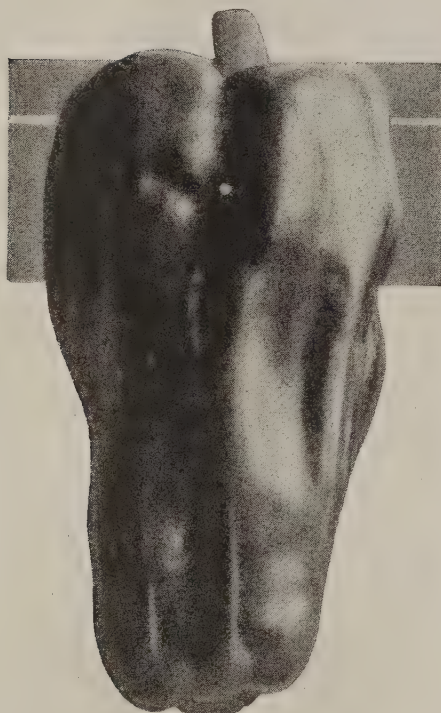
CULTURE: Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants. An ounce, 1,500 plants. The number of days after each variety shows time required after setting of plants to picking. Earlier peppers can be had by using Hotkaps. See page 26.

356. PIMIENTO. (78 days.) This variety is used not only for salads and mangoes but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40, postpaid.

350. RUBY KING. (69 days.) One of the most popular varieties for both home and market gardens. It grows 4½ to 6 inches long and 3½ to 4 inches thick. The peppers are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20, postpaid.

352. SWEET YELLOW. (78 days.) The largest and sweetest yellow pepper. Often 8 or 9 inches long and 4 to 5 inches thick. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.80, postpaid.

354. CHINESE GIANT. (80 days.) Its great size, fine shape, and beautiful, glossy red color and mild flavor all commend it. It is very productive. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.55, postpaid.



King of the North.

348. KING OF THE NORTH. (60 days.) The newest and best early large pepper which will be valuable for the northern states. The fruits are enormous in size and color up a brilliant red much earlier than any of the other large sorts. They will average six inches long and three to four inches across. Flesh is fine, thick, mild, and sweet. The spreading plants are literally covered with large peppers often with eight to ten maturing at a time. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.75, postpaid.

347. EARLY CALWONDER. (65 days.) Our New Early Pepper similar to California Wonder but earlier with short and stalky bush. See page 3. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.45, postpaid.

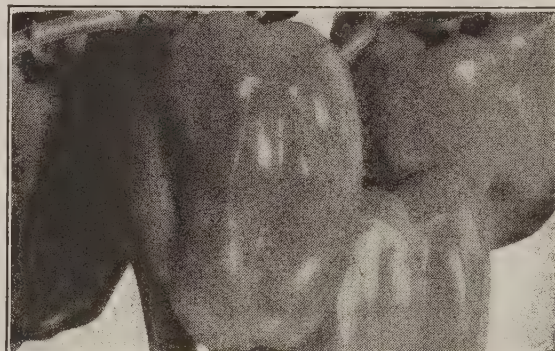
CERTIFIED SEED POTATOES

Do not overlook our Certified Seed Potatoes offered on pages 70 and 71. Why plant seed of unknown quality when our Certified stocks are available? We specially recommend our new varieties: Red Warba and Blight Resistant Sebago.



California Wonder.

357. CALIFORNIA WONDER. (75 days.) A very mild, sweet, mid-season variety. The peppers are very large, measuring 4½ inches in length by 3 to 4 inches in diameter. The fruit ripens very uniformly and has a deep crimson color when ripe. It closely resembles the Chinese Giant in form but the flesh is much thicker. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40, postpaid.

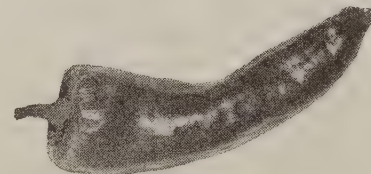


Harris' Early Giant.

353. HARRIS' EARLY GIANT. (63 days.) The earliest and most prolific of all the large peppers. The plant is dwarf, of compact growth, bearing as many as 12 enormous peppers to a plant.

The peppers average 5 inches in length and 3½ inches in diameter. Color is a deep green turning to bright red. Flesh thick and of a very sweet and pleasant flavor. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.55, postpaid.

HOT PEPPERS



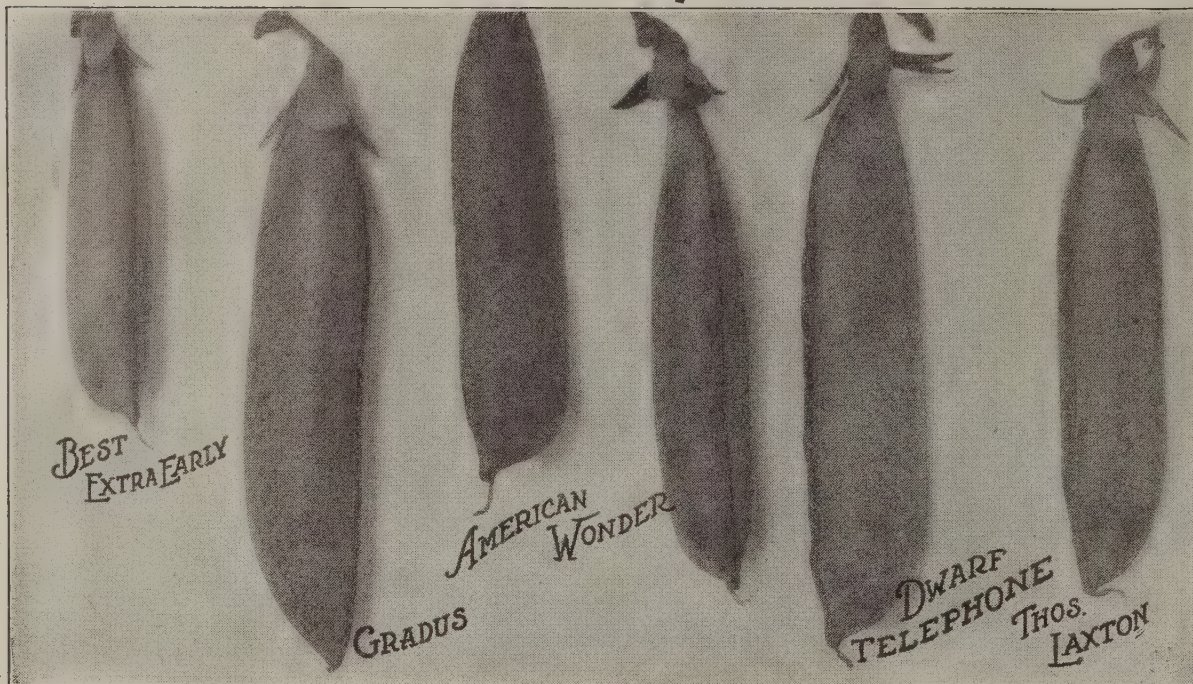
Hungarian Wax.

349. HUNGARIAN WAX. (65 days.) A splendid pungent pepper. Color waxy canary yellow turning to crimson at maturity. Peppers are 5 to 6 inches in length and rather slender. One of the best hot peppers. Very prolific. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.55, postpaid.

355. RED CHILI. (75 days.) A rather late hot variety, with peppers about ½ inch or less in diameter, tapering to a point; about 2 inches long. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.15, postpaid.

12/24/43
"This is my thirty-second year with you."
P. A. Reed, Michigan.

Olds' Fancy Garden Peas



Peas are one of the finest garden vegetables. The home gardener should not depend upon one planting. Plant some of the earlies, mediums and lates. The early peas are not usually as sweet as the mid-season or the late varieties and the wrinkled varieties are always much sweeter than the smooth, but the smooth varieties can be planted in the ground a trifle earlier than the wrinkled varieties. The varieties marked * are the wrinkled varieties. For large amounts write for our Market Gardeners' list.

CULTURE: Early peas are grown with best results on light warm soils; main crop varieties on fairly heavy soils but of course, peas will do well on most any good garden soil. Do not use much nitrogen fertilizer as that will cause a heavy leaf growth with fewer pods. Sow the extra early varieties in rows 2 to 3 inches deep and 2½ to 3 feet apart as soon as the ground can be worked and for succession,

320½. **BEST EXTRA EARLY.** (62 days.) An extra early round-seeded variety. Height, 2½ feet. Seventy-five to eighty per cent of the pods may be gathered at the first picking. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

★324. **GRADUS.*** (65 days.) (Prosperity.) This pea is nearly as early as the small, smooth, extra early varieties and the pods are much larger. The vine grows to a height of about 30 inches. Pods measure 4 inches or more in length, each containing 8 or 10 sweet and fine flavored peas. Pkt. (2 ozs.), 10c; ½ lb., 35c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

330. **AMERICAN WONDER.*** (61 days.) The dwarfest of all peas, vines growing only about 10 inches high. It is also one of the very earliest, the peas often being ready for use within eight weeks from planting. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

EDIBLE PODDED PEAS

341. **MAMMOTH LUSCIOUS SUGAR.*** (74 days.) Eat pods and all, like string beans. Pods are stringless. Vines five feet high, seeds large, gray, and wrinkled. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.



plant every two weeks until the middle of June. Early varieties can be again planted in August and a good crop secured in the fall. One pound of seed will sow about 50 feet, 120 to 160 pounds should be used for an acre. Use Nitragin or Nodogen on the seed. See next page.

★334. **THOMAS LAXTON.*** (63 days.) In earliness only two or three days behind Alaska, and in yield and quality far superior. Height three feet. Pods medium green, 3½ inches long, containing about seven large green peas. Pkt. (2 ozs.), 10c; ½ lb., 35c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

323. **WILT RESISTANT ALASKA.** (60 days.) Earliest of all. A smooth, round, blue pea. Height 2½ feet. The most popular early pea for canning. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

1-25-43

"Was very much pleased with your seeds last year. You see I have hotbeds and you should hear what prizes my customers got at the fair from my plants and your seeds."
Mrs. Fred H. Bastian, Wisconsin.

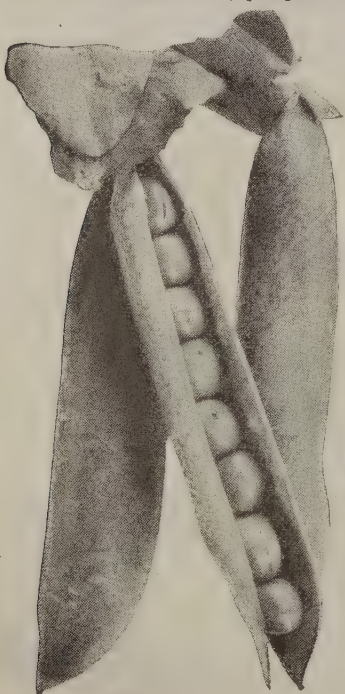
335. **DWARF TELEPHONE.*** (79 days.) (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high. Pods medium green, four inches long, well filled with 7 to 8 bright green peas. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★337. **WYOMING WONDER.** (Icer, Asgrow 40.)* (74 days.) The outstanding characteristic of this pea is the fact that it remains sweet and tender a week to ten days after it is ready to pick. It was bred expressly for market gardeners who want a large, dark green podded pea that will hold its quality after reaching the picking stage. The vine is dark green, about 24 to 28 inches tall. The pods are 5 to 6 inches, dark green in color, pointed and slightly curved at the tips. Each pod contains 8 to 10 large peas of unusually fine flavor. Used extensively for fast freezing. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

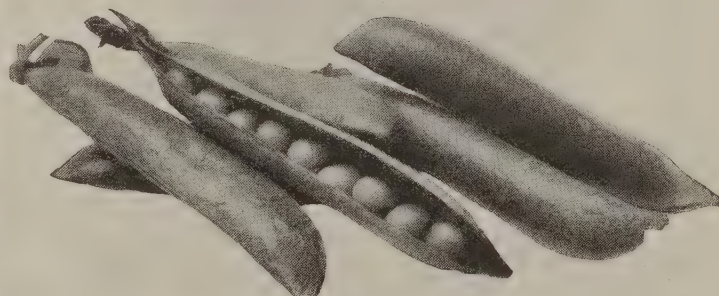
331. **LAXTON'S SUPERB.** (Early Bird.) (60 days.) This is the earliest large podded dwarf pea. Vines 18½ inches tall, coarse and light green in color. Pods 4½ inches long, single and double, slightly curved and pointed; of a medium dark green attractive color containing 9 to 10 peas of good quality. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

★324½. **BLUE BANTAM OR GIANT LAXTONIAN.*** (62 days.) A new large-podded, dwarf wrinkled pea. Unequalled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large dark green pods with six to eight peas each of excellent quality. Pkt. (2 ozs.), 10c; ½ lb., 35c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

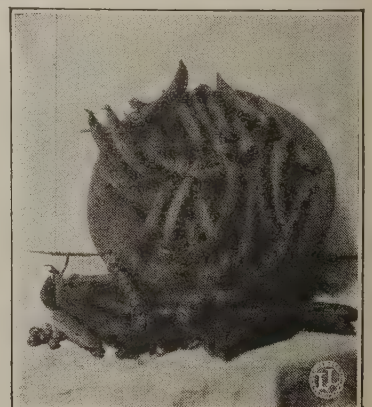
★322. **IMPROVED TELEPHONE.*** (74 days.) Vines, 4 feet high; pods, dark green, 3½ to 4 inches long, containing from 5 to 10 peas each. The leading late variety among market gardeners. Pkt. (2 ozs.), 10c; ½ lb., 30c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.



Blue Bantam.

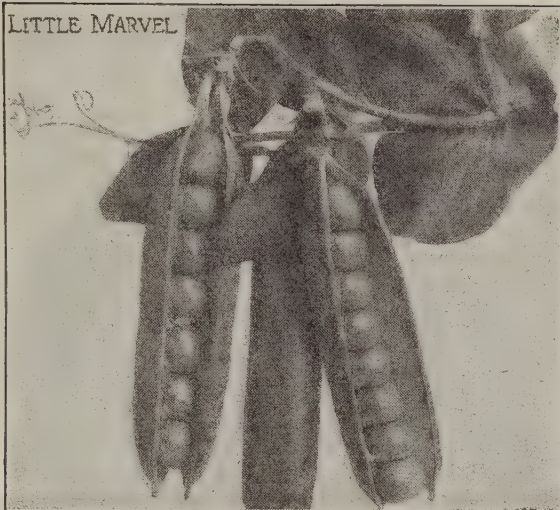


Telephone.



Wyoming Wonder.

LITTLE MARVEL



★339. **LITTLE MARVEL.*** (62 days.) A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra earlies, with the exception of Laxton's Progress. This is our favorite Garden Pea. Pkt. (2 ozs.), 10c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

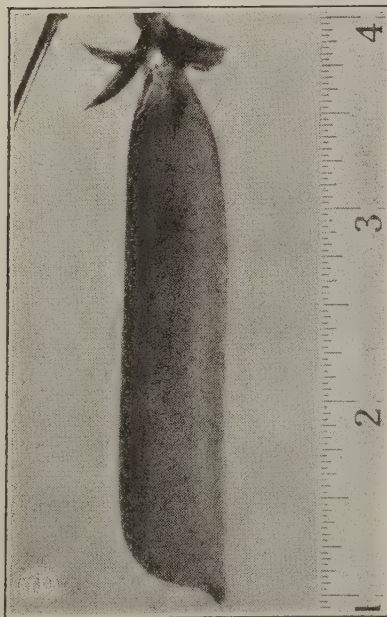
THREE PEAS FOR SUCCESSION

The three varieties described and listed below are excellent for a succession in the home garden. Plant all at one time and it will give you peas over quite a long period. **COLLECTION PRICES:** 1 pkt. of each of the three, 25c; ½ lb., of each, 70c; 1 lb. of each, \$1.25, postpaid.

★**WISCONSIN EARLY HARVEST.*** (60 days.) We are discarding the Wisconsin Early Sweet for the Wisconsin Early Harvest as we consider it superior to Early Sweet; just as Early Sweet was superior to the old variety Surprise. It is a new Fusarium Wilt Resistant, early sweet, wrinkled variety which shows more vigor than Wisconsin Early Sweet. The vines grow about 32 inches in height; rather slender plant of a medium green color. The 2½ inch light green, plump, single pods contain from 6 to 8 peas of excellent flavor and fine tender skin. Nothing nicer for a first early sweet. Pkt., 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

333. **ENGLISH WONDER.*** (65 days.) This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large dark green peas. Pkt. (2 ozs.), 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★326. **IMPROVED STRATAGEM.*** (78 days.) The best large podded late pea. The foliage is large, and the vines about 20 inches tall, strong and robust, requiring no support. It is very prolific, bearing many very large, well-filled pods containing large dark-green wrinkled peas of excellent quality. Pkt. (2 ozs.), 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.



Wisconsin Early Sweet.



Laxton's Progress.

★336. **LAXTON'S PROGRESS.*** (62 days.) A recent introduction of real merit, and ideal for the home gardener. Progress grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over 4½ inches long, well filled with 8 to 10 deep green large peas of wonderful flavor. Pkt. (2 ozs.), 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.



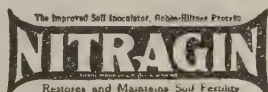
Nott's Excelsior.

Varieties marked with ★ are excellent for freezing.

325. **NOTT'S EXCELSIOR.*** (62 days.) Height 15 inches. It is as early as American Wonder, as sweet as Little Gem and outyields both of them. The vines are vigorous in growth, the pods large and square at the ends, and the flavor delicious. Pkt., (2 ozs.), 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

321. **PRIDE OR DROUGHT RESISTER.*** (65 days.) An exceptionally productive hybrid variety resistant to Fusarium Wilt. Plants are dark green, about 30 inches in length, open at the top, sturdy, very uniform, and quite resistant to drought and insects. Pods 3½ inches mainly doubled, straight, plump, dark green, well filled with seven to nine peas. Very concentrated in season, making it exceptionally fine for canning. Pkt., 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

INOCULATE YOUR GARDEN BEANS AND PEAS.



New size package now only 10c. You will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans and peas you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for four pounds of either Beans, Peas or Sweet Peas, 10c, postpaid.



Little Gem.

329. **EXTRA EARLY PREMIUM OR LITTLE GEM.*** (64 days.) Probably the most popular of all peas for the home garden. The vines grow to about 15 inches in height. The variety is very productive and the peas of fine flavor. Considered by many the sweetest of all early peas. Pkt. (2 ozs.), 10c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

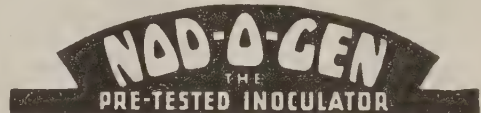
328. **BLISS' EVERBEARING.*** (76 days.) The vines are strong and attain a height of 2½ to 3 feet, bearing, at the top, 6 to 10 good pods about 3 inches long. If these are picked when ready, and soil and season favorable, the plants throw out branches bearing pods which will mature in succession, thus prolonging the season. The peas are large and wrinkled, tender and of good flavor. Pkt. (2 ozs.), 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

★332. **TETON.*** (65 days.) A hybrid variety fully resistant to Fusarium Wilt. Won a silver medal in the 1937 All-America trials. Excellent for market, shipping, canning, and freezing. Plant dark green, 34 inches in length. Pods single, 3¾ inches, straight, blunt, dark green with seven to eight large peas of fine quality. Pkt. (2 ozs.), 10c; ½ lb., 35c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid.

FIELD PEAS

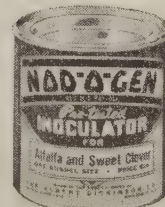
340. **WHITE MARROWFAT.** (88 days.) A commercial variety grown extensively for dry use. Vines about five feet and a light green color. Pods single, plump, blunt, straight, light green, containing six to seven peas. Seeds large round, creamy white. Pkt. (2 ozs.), 10c; ½ lb., 30c; 1 lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

WHITE CANADA. See Field Seed Section.



Will Increase Your Crops of Beans, Peas and Sweet Peas

Legume plants such as peas, sweet peas, and beans will produce healthier, stronger and larger plants, pods and flowers and an increased yield if inoculated with Nodogen before planting the seed. It is easily applied as it is in powder form and will stick to the seed. Not only does it increase the crop but it also enriches the soil by producing nitrogen gathering nodules on the roots of the plant. Once used on your garden peas and beans you will always use it. Get the most out of your Victory Garden. Inoculate your peas and beans before planting. Garden size can will treat up to 20 pounds of seed. Each, 20c; 3 for 50c, postpaid.



Food will help win the war
do your part with a
Victory Garden

OLDS' PUMPKINS

360. KING OF THE MAMMOTHS. (120 days.) This variety surpasses all others in size; specimens often weighing 75 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

364. WINTER LUXURY. (100 days.) A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted and a beautiful dark red color. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

365. DICKINSON. (100 days.) The finest pumpkin grown today for pies and canning and as a field pumpkin with corn. Requires no starch, sugar or coloring. See page 2. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.60; 5 lbs., \$6.00 postpaid.

363. SMALL SUGAR. (78 days.) The famous New England Pie Pumpkin. A rather small, round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

362. LARGE CONNECTICUT YELLOW FIELD. (120 days.) The old standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange. Not equal to Dickinson in quality or yield and we recommend you change to the newer better variety for field planting. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

Cut down the feed bill by planting pumpkin with corn. Costs practically nothing this way.



King of the Mammoths.

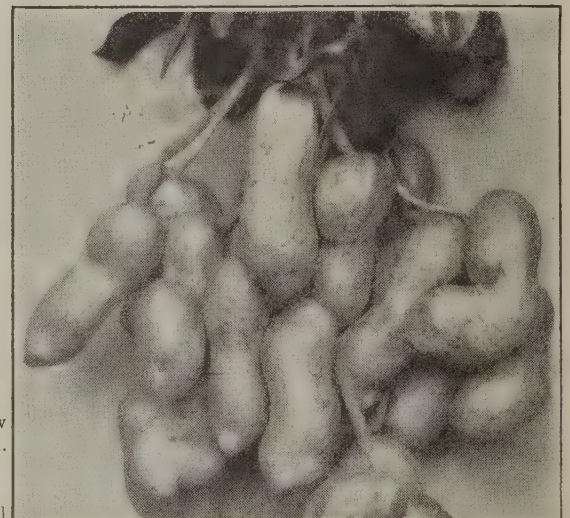
CULTURE: Plant any time after the ground has become warm. 4 to 8 seeds to a hill, in hills 8 feet apart each way if planted alone. With corn, plant after the corn is up. One packet of seed is sufficient for 6 to 8 hills. 3 to 4 pounds will plant an acre alone and one pound an acre with corn. For quantity lots ask for Market Gardener's List.

OLDS' ROOT PARSLEY

309. HAMBURG. (Turnip Rooted.) The edible root of this variety resembles in color and shape a small parsnip. The roots may be stored in the cellar for winter use. The leaves are similar to those of plain parsley. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

ORDER EARLY

With labor shortages and transportation difficulties it takes longer to fill orders these days.



Mammoth Virginia Peanuts.

OLDS' PEANUTS

315. MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Large pkt., 5c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.00, postpaid.

OLDS' WINTER RADISHES

Winter radishes should be planted in July and August and are good to eat as soon as they are large enough. As good as spring radishes in flavor, much larger in size. For winter use, dig them and pack them in earth the same as parsnips, salsify, or celery.

391. CHINA ROSE WINTER. (52 days.) Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through the fall and winter. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

390. NEW WHITE CHINESE. (New Celestial.) (60 days.) A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

392. LONG BLACK SPANISH. (60 days.) The skin is black, and the flesh white and firm. Grows 8 to 9 inches long and 2 to 3 inches in diameter. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

393. ROUND BLACK SPANISH. (56 days.) Considered by many the best winter radish. Roots are round and sometimes olive-shaped. A long-keeping variety. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.



New Bush.

361. NEW BUSH. (120 days.) Pumpkins are not usually grown in the home garden as the vines require too much space but this pumpkin requires only about four square feet of space and can be easily grown in the home or small garden. Each bush produces about three to four good sized pie pumpkins. Note the illustration. The pumpkin resembles the old Kentucky Field in size and shape, being very dark green and turning to yellow when ripe. The seed cavity is small. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50, postpaid.



Champion Moss Curled Parsley.

OLDS' PARSLEY

(Rich in vitamins.)

One packet of parsley will seed 40 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.

305. CHAMPION MOSS CURLED. The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. It is also a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

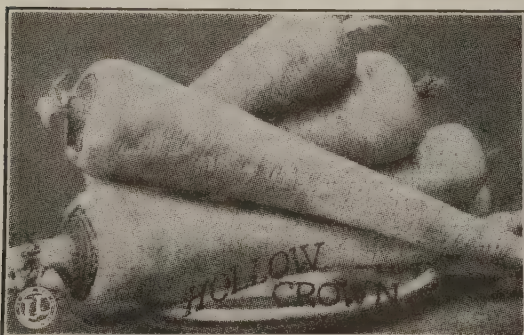
306. PARAMOUNT. (Triple Curled.) An extra select triple Curled Parsley of unusually rich dark green color. Plants grow about 12 inches high. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

OLDS' PARSNIPS

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre.

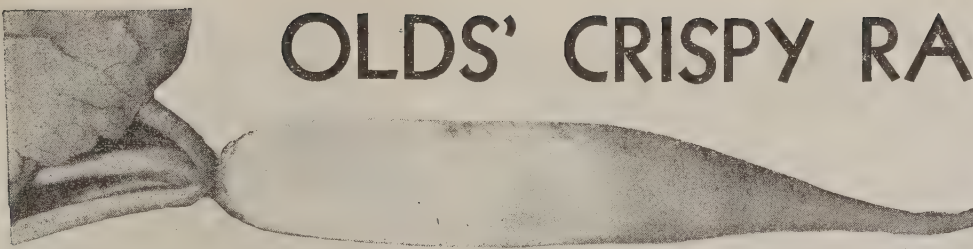
311. HOLLOW CROWN. The old standard parsnip, long rooted, sweet flavored and desirable. Excellent also for stock feed. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.40, postpaid.

310. IMPROVED GUERNSEY. An improved Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily dug. It is a very heavy yielder; roots, smooth; flesh, fine grained and of excellent flavor. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.40, postpaid.



Parsnips.

OLDS' CRISPY RADISHES



White Icicle.

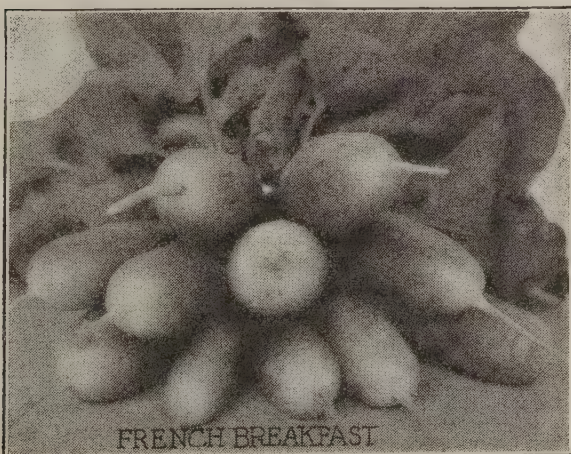
Olds' Radish Seed is grown from hand-transplanted roots. In this way the types are kept pure and true and no seed is produced that is not from perfectly sound radishes. Growers who raise radishes for the market should use only seed of this type. The crop can be placed on the market earlier than from ordinary seed and also quality radishes can be had long after radishes grown from ordinary seed have become pithy and hollow. All growers should sow the best seed obtainable if they want to receive the maximum profit from their crop. For larger amounts ask for our Market Gardeners' List.



375. SAXA. (22 days.) This variety is of a fine scarlet color, round with a very small top and tap root. It is very early, crisp, juicy and mild. Used extensively for greenhouse forcing, and early market. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

394. MIXED RADISH. An assortment of radishes may be easily grown together with pleasing results, affording the diner his choice of long, olive or turnip-shaped, in white, red or rose. This mixture will furnish good radishes for a long season with only one planting. Pkt., 5c; oz., 12c; ¼ lb., 40c; lb., \$1.25, postpaid.

373. FRENCH BREAKFAST. (25 days.) A quick-growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about ¾ of an inch through and about twice that in length with very small top and tap root. Flesh pure white and very crisp, tender and mild. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.



385. WHITE ICICLE. (27 days.) Considered the finest of all for table use. The roots attain a length of about 5½ inches, tapering regularly from near the shoulder to the tip. It is crisp, mild, sweet, and keeps well. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

MAGGOT CONTROL.

Corrosive Sublimate will control maggots which attack cabbage, onion and radish crops. Mix one ounce with 10 gallons of water. Pour this solution around the base of the plants when they are two to three inches tall. Use one gallon to every 35 feet of row. For cabbage plants use one-half teaspoon to a plant. Your druggist has corrosive sublimate.

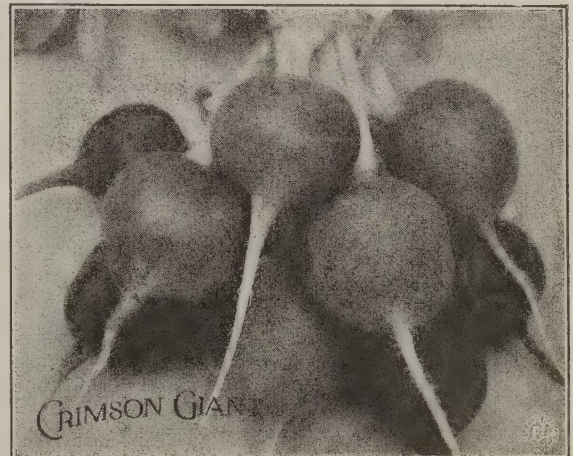
384. CINCINNATI MARKET. (28 days.) An improved strain of Long Scarlet. The tops are very small, so that they may be grown close together. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

374. CAVALIER OR TWENTY DAY. (20 days.) An extra early, olive-shaped or oblong globe, bright scarlet radish. Tops small, very attractive, and suitable for all purposes. Excellent for muck soils. Flesh is crisp and mild. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60, postpaid.



377. EARLY SCARLET GLOBE. (Vick's.) (24 days.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. Our stock is a special strain of Michigan grown. Medium top. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

376. CRIMSON GIANT. (28 days.) An extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and outdoor growing. Roots are of a handsome deep crimson, varying in shape from round to oval. Flesh, pure white; flavor mild. We highly recommend this radish. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.



CULTURE: Planting radish seed at improper depths is often the cause of the bulbs being various shapes. Plant about ½ inch deep. Radishes do best on a light, rich, mellow soil. Sow in drills 10 inches apart and thin to two inches in the row. Sow the early round red sorts first, the long-growing varieties a week later, and the winter varieties in July and August. One packet will sow 25 feet; 12 pounds an acre.



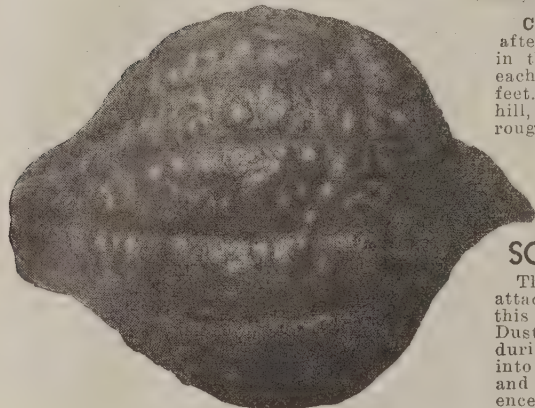
370. OLDS' BRIGHTEST WHITE TIP. (Sparkler.) (26 days.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper half bright scarlet. Crisp and sweet. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.



Olds' Icy Crisp.

387. OLDS' ICY CRISP. (23 days.) A bright scarlet, round radish, very crisp and tender. The tops are very small. Ready to use when ¾-inch in diameter but remains firm to a large size. This radish can be grown from seed in from 20 to 25 days. Olds' Icy Crisp is all that one could ask for in a radish. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60, postpaid.

OLDS' SQUASH



True Hubbard.

★411. **TRUE HUBBARD.** (105 days.) Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

★413. **GOLDEN HUBBARD.** (100 days.) (Red Hubbards.) Identical in form and fruitfulness with True Hubbard, but usually somewhat smaller and earlier. The moderately-warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of good quality. It also is a good keeper. Pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.25, postpaid.

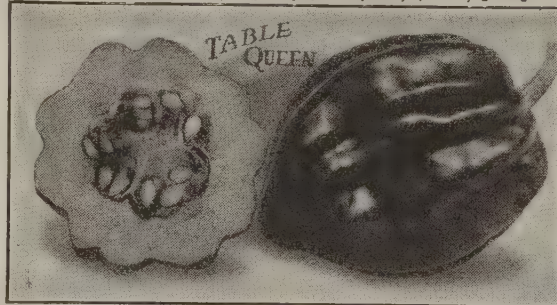
★418. **BLUE HUBBARD.** (110 days.) A new type of Hubbard similar to the original except that it is blue-grey in color. Said to be superior to all other Hubbards in quality. Pkt., 15c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

419. **DELICATA** (Sweet Potato). (80 to 90 days.) The fruit of this new squash are 8 to 10 in. long, 3½ to 4 in. in diameter and weigh about 2¾ lbs. They are cylindrical in shape with shallow ribbings. In the Fall it has an alternate stripe of cream and dark green, becoming cream and orange stripe during storage. The shell is medium hard and it is a very good keeper. The orange-yellow flesh is thin to medium, crispy, dry, tender, sweet and very fine in texture. Flavor and quality excellent. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

416. **GOLDEN TABLE QUEEN.** (60 days.) A Table Queen Squash with a very short vine. See page 3 for complete description. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

409. **TABLE QUEEN.** (60 days.)

This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Nearly equal to Hubbard in flavor and keeping qualities and just the right size to cut in half (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in length. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.



CULTURE: Plant in a warm, light, rich soil after the weather has become settled and warm in the spring. Plant in hills 3 to 4 feet apart each way, the large running varieties 6 to 8 feet. Eight to ten seeds should be planted in a hill, thinning out after they have attained their rough leaves to 3 or 4 plants to a hill. Two ounces will plant a 50-foot row and three pounds an acre. Use Slug Shot or Garden Guard for the striped beetles and grey squash bugs. For large quantities ask for our Market Gardeners' Price List.

SQUASH VINE BORER CONTROL

The critical period of the Squash Vine Borer attack is July. Keep plants protected during this period by dusting thoroughly with Rotenone Dust. Dust the last week of June and weekly during the month of July. Should the borer get into the vine, slit the stem lengthwise with a knife and remove the borer just as soon as their presence is noticed. If Rotenone Dust is not available, use Black Leaf '40 at the rate of 2 quarts to 100 gal. of water and apply with pressure sprayer.

412. **SPAGHETTI.** (105 days.) Here is a distinct novelty for your garden. Spaghetti Squash gets its name from the unique way in which the meat falls from the shell when baked. The contents resemble spaghetti. It is important that the squash be fully ripe and that it is baked well. The shell of the squash is very thin, only about one-eighth of an inch thick. The quality is not equal to Buttercup or the Hubbard type. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

★410. **DELICIOUS.** (102 days.) This variety rivals all others in dryness, sweetness and richness of flavor. The shell is green, flesh, deep orange. An excellent keeper. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.40, postpaid.

414. **BANANA.** (120 days.) A long type of winter squash measuring about 20 by 5½ inches and weighing about ten pounds. Cylindrical and pointed at blossom end with thin slate-gray rind. It is of good color and very popular because of its keeping qualities. Brown seeds. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.40, postpaid.

406. **BUTTERCUP.** (90 days.) Entirely distinct in type. Just the right size for an average family. Unequaled for quality. See page 3 for complete description. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

420. **MAMMOTH CHILI.** (110 days.) The largest squash of all, sometimes attaining a weight well over 100 pounds. It yields enormously, from 8 to 15 tons per acre; widely used for stock feeding. Bright orange color. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

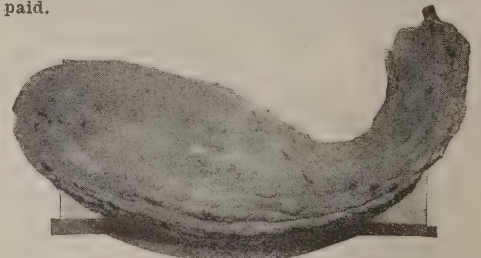


Early Prolific Straight Neck.
SUMMER SQUASH

(Use when young.)

415. **EARLY PROLIFIC STRAIGHT NECK.** (56 days.) Strictly bush in habit of growth with compact, ample foliage permitting close planting. The fruits are straight, smooth, and of a delicate appetizing color. Can be used when only 4 to 5 inches long and remains excellent for table until 12 to 14 inches long. It is just as early as Summer Crookneck, but much more prolific. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.

405. **MAMMOTH WHITE BUSH SCALLOP.** (53 days.) Patty Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized; flesh thick, of fine quality. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00, postpaid.



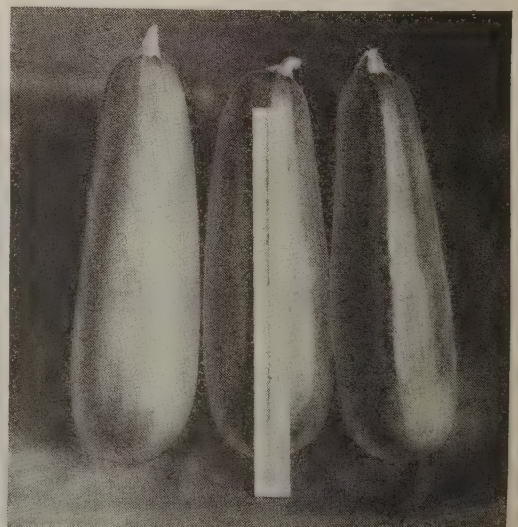
Giant Summer Crookneck.

407. **GIANT SUMMER CROOKNECK.** (56 days.) The fruit is of an attractive golden yellow color, covered with fine warts. Grows 15 to 20 inches long. Very prolific. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50, postpaid.

★408. **GRAY ZUCCHINI.** (60 days.) A favorite Squash among the market gardeners. It belongs to the Vegetable Marrow family. The color is mottled light and dark green. Fruits measure about 12x4½ inches and weigh about 3½ pounds. The squash is used when young, often when real small and tender. The edible qualities are excellent. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50, postpaid.

1-27-43
"Last Sunday during a visit at a neighbor she recommended your Company as having the best growing seeds resulting in many prizes at the County Fair. Will you please send me your 1943 catalog in the near future?"

Harry A. Rabe, Wisconsin.



Gray Zucchini

OLDS' SWEET POTATO PLANTS



YELLOW JERSEY. Plant on light sandy soil if you have that kind but sweet potatoes will succeed in the north on most any soil, if grown from the plants. Cultural leaflet free with every order.

Prices: 50 plants, 65c; 100 plants for \$1.00; 1,000 plants, \$8.00, postpaid. (Ready about May 15th to 25th.)

Victory Gardens will help win the war.

OLDS' SPINACH

CULTURE: Spinach needs cool, moist weather. The seed should be sown early in the spring in rows one foot apart and thinned to 6 inches in the row. Upon the arrival of warm weather it tends to bolt to seed. A fall crop of spinach may be sown in late July or August and will do well during the cool, moist autumn days. Spinach is rich in vitamins. For city gardens we recommend the New Zealand Spinach or Lucullus Swiss Chard as both of these greens can be cut over and over again. One pkt. will plant 20 feet; 10 to 14 lbs. an acre. For larger amounts than quoted, ask for Market Gardeners' Price List.

★404. **LONG - STANDING GAUDRY OR NOBEL.** (45 days.) (Also called Nobel, Improved Aragon.) Where a fairly smooth leaf spinach is desired we consider this variety superior to any other. It is as fast a grower as any of the early smooth varieties and at the same time has the long-standing qualities. The leaves are large, broad and thick. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

403. **NEW ZEALAND.** (70 days.) Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Pkt., 15c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75, postpaid.

★399. **VIRGINIA BLIGHT RESISTANT.** (39 days.) A Savoy leaved variety bred at the Virginia Experiment Station for mosaic resistance. Upstanding, vigorous plants. Seeds rather early. Highly desirable for planting in infested soil and highly recommended planted for a fall crop. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.



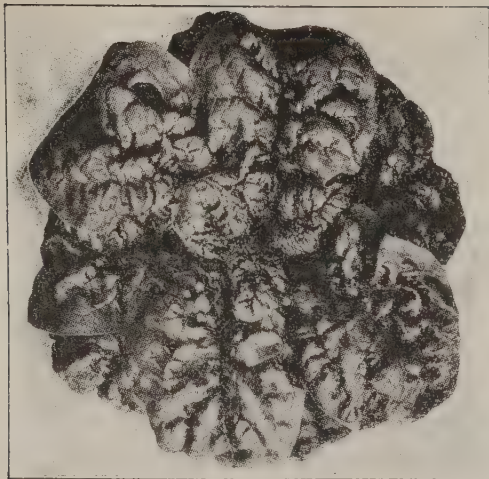
BLOOMSDALE SPINACH

★402. **BLOOMSDALE.** (42 days.) (New Long Standing Strain.) This is a very early variety and one of the best to plant in the autumn or early spring. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy. Suitable for home gardens but better adapted for market gardeners. Pkt., 10c; oz., 25c; ¼ lb., 55c; lb., \$1.70, postpaid.

★401. **KING OF DENMARK.** (46 days.) The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. Equally valuable for both the home and market gardener. Pkt., 10c; oz., 25c, postpaid.



KING OF DENMARK



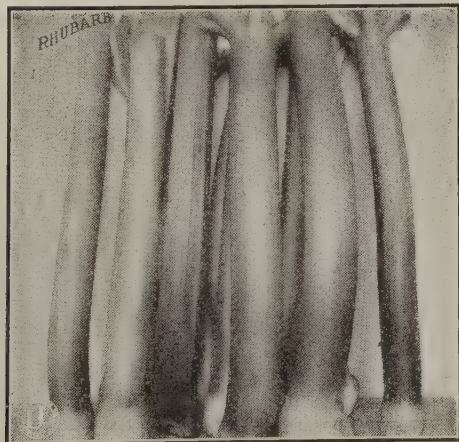
Princess Juliana.

★400. **PRINCESS JULIANA.** (48 days.) One of the best long-standing varieties of spinach. Very dark green crumpled leaves, round and thick. It lacks entirely the earlier bolting male plants and as a result the crop as a whole remains much longer in marketable condition. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.70, postpaid.



Virginia Blight Resistant.

RHUBARB Roots and Seeds



★395. **LARGE VICTORIA.** A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until plants have had a full season's growth. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00, postpaid.

RHUBARB ROOTS. Choice, extra large divided roots.

Prices: 3 for 45c; 6 for 80c; 12 for \$1.50; 25 for \$2.75, postpaid. Not prepaid, 100 for \$10.00.



Olds' Wisconsin Grown Tobacco

500. **COMSTOCK SPANISH.** The genuine strain of Comstock Spanish is known for its vigor of growth; its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.

504. **WISCONSIN HAVANA NO. 142.** A resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.

503. **WISCONSIN CONNECTICUT HAVANA NO. 38.** Its characteristics are: vigor of growth; good breadth; weight and texture of leaf; improvement of leaves at base of stalk; improved market quality, consisting partly of wrapper quality that blends with the filler tobacco without flavoring the latter; and finally, the important matter of earliness. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.



Seed Field of Wisconsin No. 38 Tobacco.

OLDS' TOMATOES



Break o' Day.

431. **BREAK O' DAY.** (70 days.) A new extra early, wilt-resistant tomato developed by the U. S. Department of Agriculture. Break o' Day matures with Earliana. The fruit resembles the famous Marglobe; it is the same color, shape and size and is the only early tomato of a deep globe shape. The fruits are solid with very few seeds and they will not crack. A bountiful yielder. Not satisfactory on all soils. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70, postpaid.



436. **JOHN BAER.** (70 days.) A variety of real merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. One of the earliest and most solid tomatoes known. Ripens evenly up to the stem and does not crack open when ripe. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40, postpaid.

452. **BOUNTY.** (65 days.) A new heavy yielding early variety requiring little space. See page 1. Pkt., 15c.

439. **GOLDEN BEAUTY.** (84 days.) (Golden Queen.) The standard large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Large bright yellow thick fruits averaging 3x2¼ inches, with mild flavor. Borne in clusters of 4 to 6. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.10, postpaid.



Olds' Tomato Seed is produced from tomatoes grown exclusively for seed. One packet will produce 200 plants. Two to four ounces will produce enough plants for an acre. Tomatoes do well in practically any garden soil.

CULTURE: Start the seed indoors about the last of February. When 2 inches high transplant to 4 inches apart each way and again transplant to the open ground as soon as danger of freezing is over, in rows 3 to 6 feet each way. Some growers train the vines on trellises so that the fruit will ripen earlier. Use Hotkaps for this crop, listed below. The figure after the variety shows time of picking after setting plants. For prices on larger quantities ask for our Wholesale Market Gardeners' Price List.

450. **RUTGER'S.** (72 days.) The tomato that ripens from the inside out. See page 3 for complete description. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.

428. **PRITCHARD.** (76 days.) The new Pritchard is without doubt the best of the disease-resistant varieties. It resists the nail-head disease and also the tomato wilt. In appearance it is similar to Marglobe, scarlet in color, of good size and shape, the fruits borne in clusters of 5 and produced in abundance. It is a mid-season variety requiring about 110 days to ripen from seed. About 5 days earlier than Marglobe. The vine is short jointed and of low growth with heavy foliage. Pkt., 10c; ½ oz. 30c; oz., 50c; ¼ lb., \$1.55, postpaid.

443. **JUNE PINK.** (69 days.) The earliest of all pink tomatoes. A good yielder, of high quality, running very smooth for an early sort. The June Pink, while an early tomato, continues to bear and ripen up to frost. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70, postpaid.

PLANT CERTIFIED SEED POTATOES THIS YEAR. SEE PAGE 70.

442. **ALBINO or SNOWBALL.** (80 days.) The white tomato. See page 2 for illustration and description. Pkt., 15c; 2 pkts., 25c; ½ oz., 55c; oz., 95c; ¼ lb., \$2.90, postpaid.

430. **DWARF STONE.** (92 days.) One of the best of the dwarf tree varieties. Fruit smooth, solid and deep scarlet. Plants stocky. A desirable home garden variety. Pkt., 15c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$2.95, postpaid.

444. **BONNY BEST.** (74 days.) A smooth extra fine early variety for the home garden. A few days later than Earliana. Color, bright red. Vigorous and productive. A favorite variety with the market gardeners. Pkt., 10c; ½ oz., 35c; oz., 80c; ¼ lb., \$2.40, postpaid.

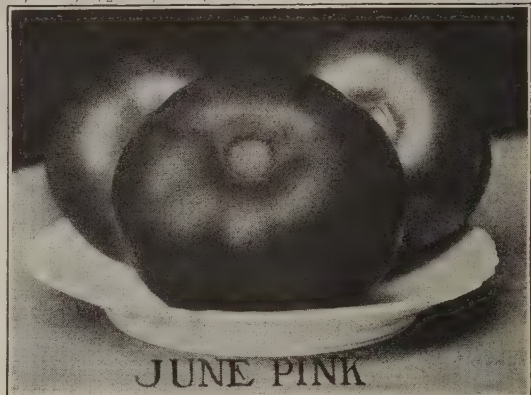
WHAT ARE HOTKAPS?

They are made of scientifically waxed paper (Glastex) molded into shape and reinforced. Hotkaps measure 7 inches in height and 11 inches in diameter and weigh about 30 lbs. per 1,000. As plants grow and danger of frost is over, slit kap with knife and let plant grow up through the Hotkap.



Marglobe.

433. **MARGLOBE.** (80 days.) The perfect tomato. Wilt-resistant and rust-resistant. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe test. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.



HOTKAPS

Home Garden PACKAGE

You too, can have SURE CROPS

3 weeks earlier TO MARKET

HOTKAPS — Strong little hothouses — completely protect your plants from destructive frost, storms and insects. Increase yield 18% to 51%, ripen crops three weeks earlier, bring highest prices and premium profits. Quick, easy to set. Costs less than a penny a plant — increased profits more than pay for them. Millions used by successful growers. Crop failure is costly — HOTKAPS protection is cheap!

Prices, by express: 1,000 lots, \$11.00; 5,000 lots, \$10.75 per M; 10,000 lots, \$10.50 per M; 25,000 lots, \$10.25 per M; 250 Pkg. with Fibreboard Setter, \$3.50; 100 Pkg. with Fibreboard Setter, \$1.95; by mail, \$2.15 postpaid. 25 Home Garden Pkg. with Paper Setter, 50c; by mail, 60c, postpaid. Fibreboard Setter, 15c.



Setter.



Oxheart.

441. OXHEART. (90 days.) Probably the largest and meatiest tomato in existence. It has a distinct oxheart shape with fruit of a pink color. Grown under favorable conditions will weigh nearly two pounds. Where a tomato of enormous size is wanted this is the variety to plant. We do not consider the quality equal to some of the smaller varieties although it is fine considering the immense size. Pkt., 15c; ½ oz., 70c; oz., \$1.25; ¼ lb., \$3.80, postpaid.



Valiant.

451. VALIANT. (70 days.) A new early tomato which is proving profitable in Wisconsin as a market variety, especially on reasonably light soil. Its outstanding feature is earliness, with quality, being about five days ahead of Stokesdale and Bonny Best. Large size and strong interior structure. Vine growth about equal to Earliana and not heavy enough to protect fruit from burning in continuous sunny weather. Will have ample vine growth on heavier soils. Quality of fruit is excellent. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25, postpaid.

425. SPARK'S EARLIANA. (70 days.) Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Rather flat in shape, of a dark red color. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70, postpaid.

429. MATCHLESS. (86 days.) A great main-crop tomato of large size and perfectly smooth. Fruit, a handsome cardinal red, firm and solid. A long-keeping variety. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.55, postpaid.



See
page
73.



Stokesdale.

440. STOKESDALE. (73 days.) Developed from an accidental cross which is believed to be of Bonny Best and Marglobe. Fruits average 8 ounces which are similar to Bonny Best, but slightly earlier and on the average will be 3 ounces heavier and much more solid. Color is a brilliant scarlet. Because of its earliness and excellent flavor and quality, it will prove very profitable for the market gardener. An early tomato with main crop qualities. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.35, postpaid.

Small Fruited Tomatoes

446. YELLOW PEAR. Fruit a bright handsome yellow. Usually grown for preserves and "tomato figs." Pkt., 10c; 2 pkts., 15c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.10, postpaid.

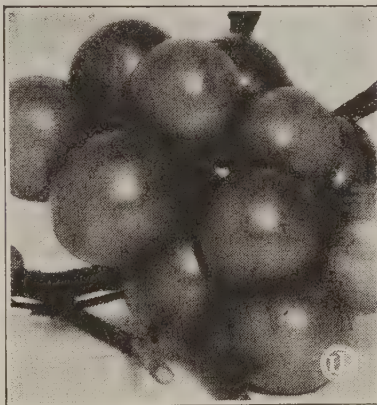
447. YELLOW PLUM. Perhaps even more popular for preserves than Yellow Pear. Grows in clusters. Pkt., 10c; 2 pkts., 15c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.10, postpaid.

448. YELLOW CHERRY. A very small, round yellow tomato used for preserves. Pkt., 10c; 2 pkts., 15c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.10, postpaid.

449. RED CURRANT. Smaller than Yellow Cherry and red in color. Used for pickles, preserves, etc. Pkt., 10c; 2 pkts., 15c; ½ oz., 55c; oz., \$1.00, postpaid.

GROUND CHERRY

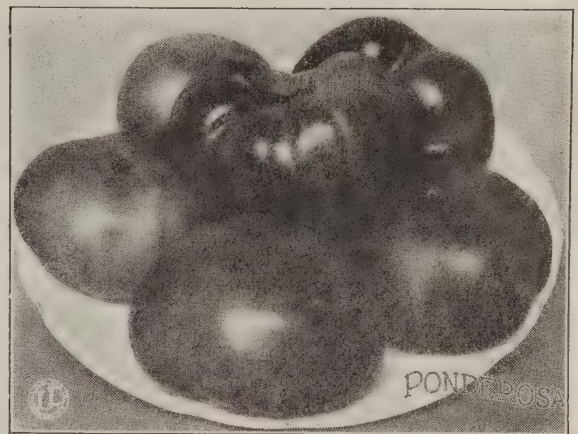
455. HUSK TOMATO or GROUND CHERRY. The small yellow fruit has a flavor all of its own. Protected by the loose-fitting outer husk. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.65, postpaid.



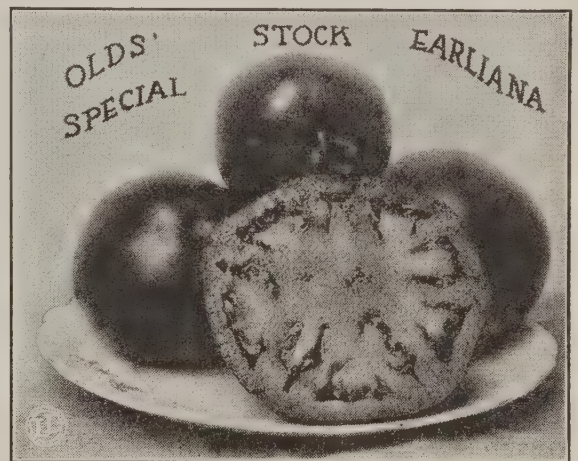
Scarlet Dawn.

426. SCARLET DAWN. (70 days.) Wilt and rust resistant. Received Gold Medal Award in the 1935 All-America Contest. It is a cross of Clark's Early on Marglobe and is earlier in season than both parents. The vine is of medium growth, fairly open, very prolific. Fruits are medium large, globular, smooth and free from flat sides and puffiness. Bright scarlet ripening well to the stem. Exceptionally attractive. The picture shown above was taken of one cluster which contained 15 sound tomatoes. Some ripe, some just turning and others green but each free from cracks and sound. Pkt., 10c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.60, postpaid.

427. NEW STONE. (86 days.) The standard main-crop variety. Always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.55, postpaid.



437. PONDEROSA. (88 days.) The giant tomato. The tomatoes grow in beautiful clusters, oblong in shape, with solid flesh. Color, purplish pink. Pkt., 15c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.45, postpaid.



435. OLDS' SPECIAL STOCK EARLIANA. (65 days.) An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Pkt., 10c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.60, postpaid.

438. ENORMOUS. (88 days.) (Beefsteak.) Really a red Ponderosa and the largest of all red tomatoes. A mid-season, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.10, postpaid.

**SOW THE SEED OF FREEDOM
PLANT A VICTORY GARDEN**



Olds' Root Crops

Olds' Mangels

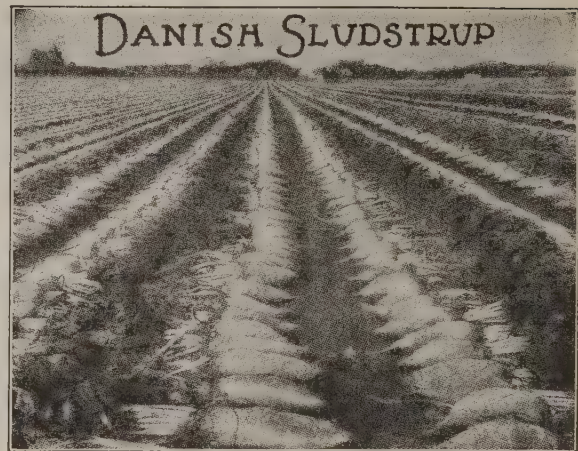
Mangels are highly nutritious and easily stored for winter. Greatly relished by all livestock and poultry. They are as digestible as grain; no silo is required. Mangels will save one-half the grain feed without reducing the milk yield. One ounce of seed will sow 75 to 100 feet of drill; six pounds an acre.

Mangels for winter storage should be planted about corn planting time. Make the rows about 20 inches apart for hand cultivation or three to four feet apart for horse cultivation. Thin to about four to six inches apart in the row. For larger amounts than quoted write for our Market Gardeners' Wholesale Price List.

55. MAMMOTH LONG RED. The most widely grown mangel. Yields up to 40 tons per acre, the large roots often weighing 15 pounds each. They frequently grow two feet or more long, with one-half to two-thirds of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.10; 5 lbs., \$9.00, postpaid.

56. GOLDEN TANKARD. Large roots, nearly cylindrical in shape, narrowing abruptly at both ends. Flesh zoned yellow and white, very productive. Contains a larger percentage of sugar than the red mangels. Oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.10, postpaid.

63. GIANT HALF SUGAR ROSE. Combines the large size of a mangel with the greater feeding value of a sugar beet. Roots are oval shaped, skin rose colored, flesh white. One of the most valuable for feeding stock. Oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.10; 5 lbs., \$9.00, postpaid.



59. DANISH SLUDSTRUP. This new mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.10; 5 lbs., \$9.00, postpaid.

Olds' Sugar Beet

61. KLEIN WANZLEBEN SUGAR BEET. Largely grown for sugar. The roots are straight and even. A heavy yielder and very rich in sugar. The young beets are fine cooked with red table beets. Cooked this way they turn red and are much sweeter than the garden beet. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$7.00, postpaid.

Olds' Turnips



460. PURPLE TOP STRAP LEAF. (46 days.) The most widely cultivated and best known variety. A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40; 5 lbs., \$6.25, postpaid.

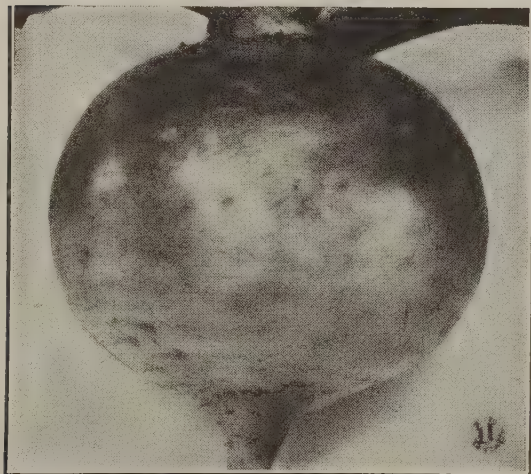
467. COW HORN. (70 days.) Pure white, except a little shade of green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Roots often 12 to 15 inches long. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.45; 5 lbs., \$6.75, postpaid.

465. PURPLE TOP WHITE GLOBE. (55 days.) Very attractive in appearance, almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.45; 5 lbs., \$6.50, postpaid.

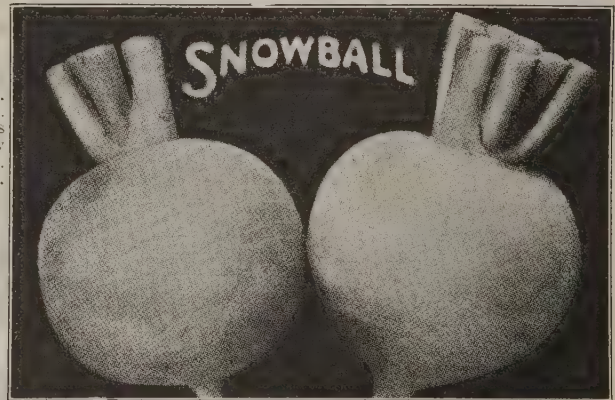


Mammoth Long Red Mangel.

CULTURE: For early turnips sow as soon as the ground can be worked in drills 14 inches apart, rutabagas 30 inches apart. Thin the early varieties of turnips to 6 or 9 inches in the row and rutabagas to about 12 inches. For a fall crop of turnips sow in July or August and for the main crop of rutabagas sow about June 15. The roots should be harvested in the fall and stored in a cool cellar covered with dry soil. A packet will sow 50 feet, one pound an acre in drills and 2 or 3 pounds an acre broadcast.



Purple Top White Globe.



466. SNOWBALL. (43 days.) Very early, of medium size, round as a ball. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 10c; oz., 20c, postpaid.

Olds' Rutabagas

475. OLDS' IMPROVED PURPLE TOP. (85 days.) This is an improved strain of the well known standard variety.

It is very hardy, a fine keeper, and very satisfactory for both table use and stock feeding. Roots are large, globe shaped, with very small tap roots; color bright yellow with a purple top; tender and sweet. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.55; 5 lbs., \$7.00, postpaid.





Perkins Apple.

OLDS' APPLES AND CRABS

PRICES OF ALL APPLE TREES, 4 to 5-foot trees, well branched, by express, \$1.00 each; 3 for \$2.85; 10, assorted varieties if preferred, for \$9.00. Please give name of nearest express station.

Please Note: Trees are all sent by express. Where customers do not have an express station we can make shipment by parcel post. If wanted by mail, add 15c per tree for postage. We prefer to ship by express as it is much more satisfactory.

SUMMER APPLES

ANOKA. Popular because it bears freely on one-year-old wood beginning the second year after planting and annually thereafter. Fruit is similar to Duchess. Very hardy and blight resistant. Ripens early about the time of the Duchess or a little before.

YELLOW TRANSPARENT. An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

DUCHESS OF OLDENBURG. A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

LIVELAND. A very hardy apple. Color white, shading to crimson; flesh, white. Very juicy and sweet. Bears during July and August.

AUTUMN APPLES

BEACON. Originated at Minnesota Experiment Station at Minneapolis. The fruit is medium size, round with a glowing beacon-red color. Flesh, yellowish white, fine grained and of a mildly sub-acid flavor. Season, Autumn, but keeps a month or two longer. Fruit holds well to tree, even after it is ripe. Tree is of an upright spreading habit, vigorous and productive. It is hardy throughout Northern Wisconsin and Minnesota. An excellent new variety for either the home orchard or the commercial fruit grower, because of its exceptionally good quality for an Autumn apple; its color, productivity and ability to stand up under market conditions.

WEALTHY. The one fall apple with a perfect score as regards dessert, cooking and market qualities in contests of the Wisconsin Horticultural Society. Round fruit of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.

WINTER APPLES

CORTLAND. A late winter McIntosh. The fruits are larger and more uniform in size. They have much more color and the red is brighter. Flesh firm, juicy, fine flavor. Apples do not drop as readily as McIntosh and are better shippers.

DELICIOUS. Good size, fine quality. Tree good grower and hardy. Most popular newer variety for eating.

DARK RED DELICIOUS. Similar to the Delicious apple but has a dark red color all over, making it very attractive.

DUDLEY (North Star). Much like Duchess only it is a winter apple, less tart, and of better quality. Hardy in the coldest climates.

YELLOW DELICIOUS. One of the finest yellow winter apples. Golden yellow with firm, juicy, crisp flesh.

HARALSON. Originated at the Minnesota Fruit Breeding Farm. Tree upright and a vigorous grower. Fruit large even red, fine grained, tender, juicy sub-acid and fine quality. Keeps until spring. Best winter variety for the North.

McINTOSH. One of the best and most satisfactory apples for Wisconsin. Medium size, spicy, bright red and of highest quality. Tree vigorous with spreading head. Annual bearer.

PERKINS. Originated by T. E. Perkins of Red Wing, Minnesota. The fruit is large, dark, deep red and round as a ball. Flesh fine grained, tender, juicy, good quality and delicious flavor, and keeps until March. Tree vigorous, a good grower, heavy annual bearer. One of the best varieties for the North.

Olds' Fruit and Shade Trees

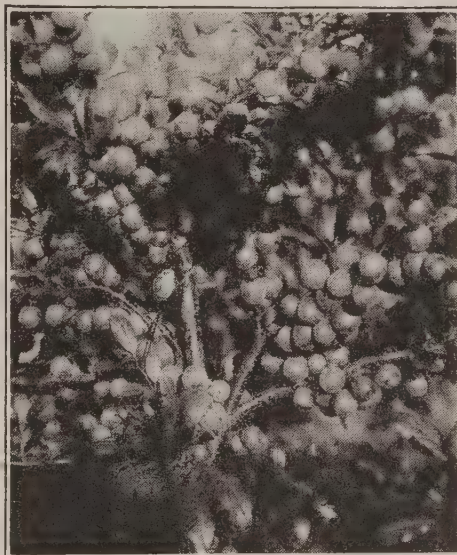
CRAB APPLES

Prices, 4 to 5-foot trees: Each, \$1.00; 3 for \$2.85; 10 for \$9.00.

DOLGO CRAB. Fruit hangs in big clusters and is fiery red. Jellies perfectly even when dead ripe. Excellent for canning. Bears young and abundantly. Extremely hardy and free from blight. A shapely tree, beautiful in flower and in fruit. It makes a very good tree for ornamental purposes.

HYSLOP. Large, deep crimson; most beautiful.

WHITNEY. One of the largest; splashed carmine, firm, juicy, great bearer. Fine eating apple.



Underwood Plum.

HARDY PLUMS

Prices, all plums, 4 to 5-foot trees, well branched, by express: Each, \$1.20; 3 for \$3.30. Assorted if desired.

EMBER. A large yellow plum, blushed with red, ripening later than other plums. The ability to hang well to the tree after ripening and to keep for two or three weeks after harvest, are its outstanding characteristics. Like most of the other good plums that we have for Wisconsin, this variety was developed at the Minnesota Fruit Breeding Farm. The tree is vigorous and very productive, broadly spreading with a tendency to droop. The fruit is oval, medium to large, with a strong adherent stem. Flesh rich yellow, firm, meaty, fine grained, tender and juicy; flavor, sweet and pleasant. Quality good to very good. Medium sized clingstone. Ripens late, through September, often hanging into October.

MONITOR. Good size, very dark red plum of unusually fine quality. Hardy.

UNDERWOOD (MINNESOTA NO. 91.) Earliest and hardiest of the large new plums, ripening August 1st to August 15th, and attaining a size of 1 1/4 inches in diameter. Fruit red, juicy; very small pit, free stone.

WANETA. The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and flavor.



Beacon Apple.

OUR GUARANTEE ON NURSERY STOCK—We guarantee our nursery stock to be as represented and to arrive in satisfactory condition. If not satisfactory the goods may be returned to us at once and the amount paid will be gladly refunded. We do not guarantee growth after planting as soil, improper planting, weather, insects, and other conditions beyond our control must be considered.

The L. L. Olds Seed Co. will replace on satisfactory proof, all stock that may prove untrue to the description under which it is sold, or at its option, may refund the amount paid therefor; but in no case shall they be liable for any sum greater than the amount originally received for said stock. Unless accepted on these terms, goods are to be returned at once and purchase price will be refunded.

SHADE TREES

For lawn or street planting. Strong well-rooted, well branched, 6 to 8-foot trees, unless otherwise specified. We ship trees by express. Give name of nearest express station when ordering.

CHINESE ELM. Very popular due to the fact that it is probably the most rapid growing shade tree. Its leaves are much smaller than those of the common elm. It is a fine shaped tree, extremely hardy, and will thrive on poor soils and in dry locations. 5 to 6-foot trees. Each, \$1.10; 3 for \$2.90.

SEEDLINGS. 1 1/2 to 2-foot Stock: 10 for 85c; 50 for \$2.75; 100 for \$5.25, postpaid.

ELM AMERICAN (White Elm). One of the largely used trees for street planting and as a shade tree for lawns and parks. Hardy and a rapid grower. Each, \$1.00; 3 for \$2.80.

ELM, Vase. A beautiful shade tree. The branches grow up and away from the center of the tree, giving it its appropriate name. Recommended for planting on a wide street or where a broad growing tree is desired. Grafted trees, each, \$1.25; 3 for \$3.50.

MOUNTAIN ASH. 5 to 6-foot trees. A native tree. When quite young this tree will produce berries in large clusters of an orange color. Grows about 18 feet tall. Each, \$1.50.

SILVER MAPLE (Soft Maple.) A well known ornamental tree with wide spreading slender branches. Each, \$1.10; 3 for \$2.95.

LOMBARDY POPLAR. A tall, picturesque, spire-like tree. Fine for formal plantings along avenues or for marking boundaries. 5 to 6-foot trees. Each, 75c; 3 for \$1.95.

CRAB, BECHTEL'S. Flowering. A dwarf tree of great beauty covered with large double rose-like blossoms. A hardy and popular variety. 3 to 4-foot trees. Each, 85c; 3 for \$2.40.

CRAB (Flowering) Hopa. A new red flowering crab with darkish red bark and foliage. Exceptionally hardy. Each, 3 to 4 ft., 80c.

CRAB DOLGO. Edible and ornamental. See next column.

ORIENTAL FLOWERING CRAB. Similar to the American varieties described above, but because of the smooth texture of the leaves, are resistant to Cedar Rust. The dwarf trees are literally covered with pink blossoms in May and are a beautiful sight when in bloom. Each, 3 to 4 ft. stock, \$1.10.

HARDY VINES

ENGELMANNI IVY. It has a foliage which turns to bright crimson in the fall. It also has the clinging habit of growth and may be planted to climb smooth surfaces; harder than the Boston Ivy and will do well in any situation. 50c each; 3 for \$1.45, postpaid.

BOSTON IVY. (Veitchi.) The well known vine for covering brick and stone work. 70c each; 3 for \$2.00, postpaid.

CHINESE PURPLE WISTERIA. One of the most rapid growing of all climbing plants. Has very beautiful clusters of pale blue flowers in May and June, also frequently blooms again in the fall. Grafted stock, 90c each, postpaid.

CLEMATIS-PANICULATA. A very desirable hardy garden vine. Flowers are white, medium sized, star-shaped and the plant is a profuse bloomer. The kind to use for covering trellises. Each, 65c, postpaid.

CLEMATIS-JACKMANII. Similar to Paniculata only the flowers are violet purple and larger. Each, 90c, postpaid.



Purple Wisteria.

Please Note: We do not have Cherry, Pear or Peach trees to offer this season.

STRAWBERRY PLANTS



Gem, the finest Everbearing Strawberry.

JUNE BEARING STRAWBERRIES

Prices of June Bearing Strawberries Listed Below: 25 plants for 75c; 50 plants, \$1.10; 100 plants, \$1.80; 250 plants, \$3.60, postpaid. 1,000 by express, \$10.00.

DORSETT. (Perfect Flowering.) A new frost-proof June bearing strawberry. Its outstanding characteristics are earliness, quality of fruit, and resistance to drought and heavy rains. It produces berries that are large, ideal in color, and uniform in shape. Berries are flame-red and they hold this color after picking. Very sweet and sub-acid. Yields of 1,000 crates per acre are not unusual.

FAIRFAX. (Perfect Flowering.) A beautiful new medium early with disease resistant foliage. Does very fine on heavy land. Berries are large, uniform, and full. Dark carmine red to the center. Fine flavor and will usually bring a higher price than other varieties of standard strawberries on the market.

PREMIER. (Perfect Flowering.) With due respect for all other strawberries, the finest June bearing home garden variety. Early, strong grower and productive. Does well in all soils and climate. Attractive berries of finest quality.

BEAVER. (Perfect Flowering.) The Beaver is an offspring of the Dr. Burrell and Premier and a much better commercial berry than either one, as the berries are larger, sweeter and firmer. Will stand unfavorable soil and climatic conditions better than any other variety. The berries are dark red to the center, of a uniform size and the texture firm, requiring picking not more than twice a week. A deliciously mild and sweet berry. An extra early but it will bear on through with the late varieties.

CATSKILL. (Perfect Flowering.) A new midseason variety introduced by the New York Agriculture Experiment Station. Berries are large size, bright red and attractive. A heavy yielder and a sure cropper. Quality excellent. The best midseason berry.

SENATOR DUNLAP. (Perfect Flowering.) Considered by many the best all-around June strawberry. At any rate it is the one most widely known. The plants are medium in size, long rooted and thoroughly drought resistant. The variety is unusually productive, beginning to ripen early and continuing to bear for a long time. Berries are medium size, smooth, regular and firm and the color is a beautiful red extending well to the center.



A Box of Senator Dunlap Strawberries.

Our Strawberry Plants are freshly dug, well-packed and sent by themselves at planting time direct from our growing station. They are well-rooted, large plants. Plants cannot be sent until frost is out of the ground, usually about April 1st. See our Nursery Stock Guarantee on page 29.

EVERBEARING STRAWBERRIES

GEM. Without exception the best everbearing strawberry. We have tried all the outstanding new varieties and consider this the best. The berries are large, uniform in size and shape and real beauties. Deep glossy red clear through. Never green tipped or white-fleshed which is common among everbearing varieties. The berries ripen red from top to bottom, inside and out. The flavor and quality is wonderful. Berries sweet and delicious and so firm they will keep for days after picking. Plants large and robust. Set a new strawberry bed this spring using Gem plants. You can't go wrong. Price: 25 plants for \$1.00; 50 plants, \$1.40; 100 plants, \$2.30; 250 plants, \$4.60, postpaid. By express, 1,000 for \$14.00.

PROGRESSIVE. The first successful Everbearer. An old favorite, a tried and proven variety. Does well on all soils and in all climates. The dark glossy red berries are medium to large in size. A very heavy bearer especially through the summer and fall months. Plants set in the spring will give a large crop the same summer and fall, another the following summer and still another in the fall. We highly recommend this variety for home or nearby market. Price: 25 plants for \$1.00; 50 for \$1.40; 100 for \$2.30; 250 for \$4.60, postpaid. By express, 1,000 for \$14.00.

MASTODON. The largest Everbearing Strawberry. Nine selected berries have filled a quart box. The berries are firm and solid and of a rich, glossy red, delicious in flavor considering their size. Not a shipper. It is one of the largest, heaviest producing strawberries yet introduced. Will not do well on all soils. Price: 25 plants for \$1.30; 50 for \$1.80; 100 for \$3.00; 250 for \$6.00, postpaid. By express, 1,000 for \$17.00.



Cherry Currant.

CURRANTS

For sale in Wisconsin only.

The currant is one of the most valued of all small fruits by the home gardener. It does not winterkill, is easy to cultivate, and requires little pruning. Ornamental as well as useful. Strong 2-yr. No. 1 plants. Each 45c; 3 for \$1.30; 10 for \$3.95, postpaid.

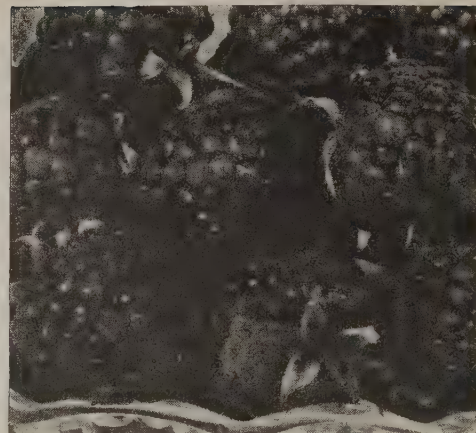
CHERRY. We consider this the best currant, large, vigorous, compact stalky bushes. Clusters rather short with medium to large, bright red fruit with very thin skin. Very juicy and of fine flavor.

WILDER. Probably one of the best varieties of Currants grown. Very productive, bunch and berries large, and of splendid quality.

WHITE GRAPE. The white berries have a mild flavor and are produced in long clusters. Berries large and of good quality. Bush is vigorous and somewhat spreading.

RED LAKE. (Minnesota No. 24.) A new Currant originating at the Minnesota Fruit Breeding Farm. It has been thoroughly tested throughout the Northwest and has proven to be of superior quality and productiveness. It is exceptionally large with long well-filled clusters. Ripens early midseason but has a long-bearing period. An excellent market berry. Each, 50c; 3 for \$1.35; 10 for \$4.25, postpaid.

RASPBERRIES



Latham Raspberries.

LATHAM. A grand new red raspberry possessing splendid market qualities. We call this the best raspberry thus far introduced. Strong and disease resistant. Fruit large, often measuring 1 inch in diameter, of a dark red color. Juicy and fine flavored. Will live through the winter in Wisconsin without any protection.

INDIAN SUMMER. A new red, everbearing, early Raspberry; starting to bear fruit in early July and on through until mid-October. Berries are large, roundish conic and slightly irregular; of very good quality. Hardy and a heavy yielder. Better for the North than St. Regis.

Prices, above two varieties: (Strong, No. 1 heavy plants, mosaic free), 6 for 80c; 12 for \$1.50; 25 for \$2.75, postpaid. By express, 50 for \$4.95; 100 for \$6.00.

CUMBERLAND. A wonderfully productive variety. Berries run $\frac{3}{8}$ to 1 inch in diameter. Black in color. Strong 1-yr. plants. Price: 6 for 90c; 12 for \$1.60, postpaid. By express, 50 for \$5.00.

ASPARAGUS ROOTS. See page 4.
RHUBARB ROOTS. See page 25.

GRAPES ✓

Grapes are one of the best and most healthful fruits we have. Perfectly hardy and easy to grow in any soil if not too wet. Plant beside an arbor or in rows 8 feet apart. Grow delicious grapes in your own garden.

Strong 2-yr. No. 1 plants. Price, all varieties, but Concord, each, 45c; 3 for \$1.20; 10 for \$3.75, postpaid. Assorted varieties if desired.

NIAGARA. Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough.

WORDEN. An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

DELAWARE. An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

BETA. The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium sized, jet black, juicy and of fair quality.

MOORE'S

EARLY.

Bunch and fruit large, very productive and of superior quality. Vine exceedingly hardy. Desirable for early market. Its hardiness particularly adapts it to Canada and northern portions of the United States.

CONCORD.

The old standard purple grape, doing well everywhere. A heavy yielder. Price, each, 35c; 3 for 90c; 10 for \$2.75, postpaid.



Concord Grape.

OLDS' HARDY ORNAMENTAL SHRUBS

Our Hardy Ornamental Shrubs are all strong, field grown transplanted stock, measuring 1½ to 2 feet high unless otherwise specified. Please do not compare the high quality northern grown shrubs we offer with the much inferior southern stock that is offered by so many mail order concerns. Such stock does not have the vigor nor will it give the all around satisfaction so much desired in the present landscape. All nursery stock is packed separately and sent direct from our growing station near Madison. Order early if possible. We will fill your order at the proper time for planting. **ORDERS CAN NOT BE SENT UNTIL WEATHER PERMITS DIGGING WHICH IS USUALLY ABOUT APRIL 1ST.** Shrubbery postpaid to points within 1,000 miles of Madison unless otherwise specified. Beyond 1,000 miles, add 10c per shrub for postage.



Pink Flowering Almond.

ALMOND, FLOWERING PINK. A charming pink flowering shrub of medium height, completely covering the stems with small double rose-like blossoms in May before the foliage appears. 75c each; 3 for \$2.00, postpaid.

BEAUTY BUSH. (Kolkwitzia.) A Chinese shrub worthy of a place in American gardens. The bush is 6 to 8 feet tall and droops to the ground when in bloom. The deep pink flowers with yellow-brown throats are borne in clusters on leafy stems. Each, 75c, postpaid.

FORSYTHIA. (Golden Bell.) One of the earliest shrubs to bloom. Strong vigorous shrubs with many branches which become clothed with bright golden yellow flowers before the leaves appear. 60c each; 3 for \$1.75, postpaid.

LILAC, COMMON. Lilacs are hardy and free flowering. Flowers in the spring and early summer. The purple is most widely known and grown. White or purple. 60c each; 3 for \$1.55, postpaid.

LILAC, PERSIAN. Has bright purple flowers but attains a height of only 5 to 6 feet. Blooms during May and June, 60c each; 3 for \$1.55, postpaid.

FRENCH LILACS.

There are few shrubs of rarer beauty than the new Hybrid French Lilacs. We offer three of the finest varieties. These Lilacs bloom much younger and far more profusely than the common types. The coloring is rare and the fragrance exquisite. Pictured from left to right: **CHAS. X.**—huge panicles of deep purple, almost red. **MD. LEMOINE**—lovely double milky-white. **PRES. GREVY**—enormous double blossoms of pale blue and pink. Prices of all three varieties: 85c each; 3 for \$2.40, postpaid.



French Lilacs.



Philadelphia Bouquet Blanc.

NEW DOUBLE MOCK-ORANGE. (Philadelphia.) These new hybrid Mock-Orange should be in every home grounds. They are related to the old-fashioned Syringa but are such an improvement that there is very little resemblance. They are hardy, vigorous growers and very floriferous. Their delicious fragrance, resembling the real orange blossoms, can be detected throughout the entire garden. We offer two varieties, Bouquet Blanc and Virginal.

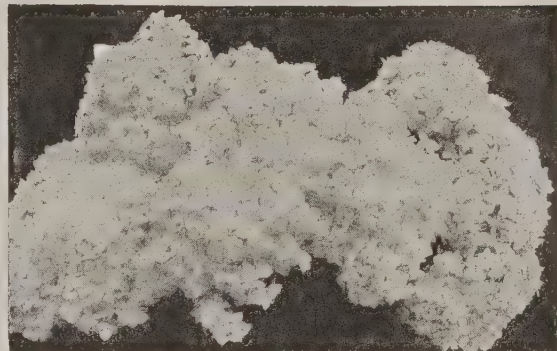
BOUQUET BLANC. An easy grower, attaining a height of 5 to 6 feet. Completely covered with pure white, double blooms in large clusters. Very fragrant. Altogether, one of the finest shrubs grown. 65c each; 3 for \$1.80, postpaid.

VIRGINAL. The largest blossoming variety and as fragrant as the above sort. Grows 6 to 8 feet tall. Flowers are as waxy white as a gardenia. 75c each; 3 for \$2.00, postpaid.



A Spray of Red Honeysuckle.

HONEYSUCKLE, TARTARIAN RED. (Zabelli.) This is the first and only really red Honeysuckle in existence. It grows to a tall stately bush, similar to the pink tartarian, but the blooms are a brilliant red, followed by red berries, completely covering the bush. One of the finest tall growing shrubs you can plant. Prices: 55c each; 3 for \$1.50, postpaid.



A Spray of Hydrangea Paniculata.

HYDRANGEA PANICULATA. Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. 70c each; 3 for \$1.90, postpaid.

HYDRANGEA ARBORESCENS. (Hill of Snow.) A beautiful new American shrub. Foliage a good green, bluish underneath. 75c each; 3 for \$2.00, postpaid.



Tartarian Pink Honeysuckle.

HONEYSUCKLE, TARTARIAN PINK. A rapid grower. Attains a height of 8 to 12 feet. Blooms during May. Has slender, upright branches and small bright pink flowers followed by orange-yellow berries. A good plant for tall hedges. 55c each; 3 for \$1.45, postpaid.

HONEYSUCKLE, GOLD FLAME. A beautiful new, hardy, versatile plant. Will climb a trellis, or spread as a ground cover. Pruned it is a striking shrub or planted in rows and sheared is a brilliant hedge. The large flame coral trumpets lined with gold appear in immense showy clusters the same year the plant is set. Most abundant in May but continues until frost. Dark green disease-free foliage. Each, 65c; 3 for \$1.85, postpaid.

HEDGE PLANTS

PRIVET AMOOR. (Siberian.) A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. 1 to 1½-foot stock, 5 for 90c; 10 for \$1.75, postpaid. By express, 100 for \$16.00.

BARBERRY THUNBERGI. Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. A good plant to use as a protection for evergreens. 1 to 1½-foot stock, 30c each; 10 for \$2.60, postpaid. By express, 100 for \$21.00.

NEW RED LEAF BARBERRY. Habit the same as the well known green Barberry, but the leaves are a beautiful, deep red. If planted in very sunny position, the color is intense. Plant several among your shrubs to add color. 55c each; 3 for \$1.40, postpaid.

PLEASE NOTE: We do not accept orders for nursery stock from the following states, Florida, California, Oregon, and Washington.



Rose Tree of China.



Spirea Van Houttei.



A Spray of Weigelia.

ROSE TREE OF CHINA. (*Prunus Triloba*.) Every planting should contain the lovely "Rose Tree of China" pictured above. A small tree-like shrub, bearing such a profusion of blossoms in early spring that the branches are completely covered. Flowers are of a beautiful, clear pink. Absolutely hardy and satisfactory in every way. 70c each; 3 for \$2.00, postpaid.

PRUNUS. Purple Leaved Plum. (Newport.) 8 to 10 feet. A small tree or shrub. The foliage and young shoots of a rich reddish-purple which they retain throughout the season. Very hardy. Each, 70c; 3 for \$2.00, postpaid.

ORIENTAL QUINCE. Medium growing. Fine glossy dark green foliage with large double orange-scarlet blossoms early in the spring. Plant in front of tall shrubs. 65c each; 3 for \$1.80, postpaid.

RUSSIAN OLIVE. For a fast growing, tall shrub, plant Russian Olive. Its blossoms are inconspicuous—its beauty is in the lovely silvery grey foliage. Often used as contrast with green foliaged shrubs. 55c each; 3 for \$1.45, postpaid.

SNOWBALL. The Snowball is always ready with its load of white ball blossoms to supply the necessary decoration for Memorial Day. 60c each; 3 for \$1.70, postpaid.

SNOWBERRY. Medium sized shrub, growing 3 to 4 feet tall, bearing a profusion of milky white berries in fall. One of the finest shrubs for shady places. 55c each; 3 for \$1.45, postpaid.

HARDY RUGOSA ROSES

A grand type of double shrub-roses that are absolutely hardy, requiring no winter protection, and are not bothered with insects or diseases. Plant them in heavy rich soil (or make it rich with fertilizer) and you will be amply repaid. **HANSA**—Deep violet-red double flowers in great profusion, born in large clusters. **BELLE POITEVINE**—The best hardy double pink rose in the Rugosa family. Best described as a pink form of the Hansa. **SIR THOMAS LIPTON**—Pure, waxy white. Large and double with a delightful fragrance. Price of above 3 varieties, in strong field-grown 2-year-old stock: 75c each; 3 for \$2.00, postpaid.

F. J. GROOTENDORST. The picture at right shows the exquisite form of this beautiful hardy Rugosa. Blossoms are small, shaped like a carnation, and are of a beautiful brilliant red. Grows three to four feet high and blooms from June to frost. Strong field-grown 2-year-old stock: 85c each; 3 for \$2.40, postpaid.



F. J. Grootendorst Rugosa Rose.



Hansa Rugosa Rose.

Olds' Lawn Grass Mixtures

Good seed is the first requisite for a beautiful lawn. Regardless of the effort and money spent on a lawn, inferior seed will produce an inferior lawn. Olds' Lawn Grass Seed has won a reputation for producing fine lawns and is widely used by critical landscape gardeners. All our mixtures are made of high-quality, heavy seed that is free from chaff, and none of our mixtures contain timothy or cheap seeds.

CAPITAL LAWN GRASS

Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover.

By mail: Lb., 45c; 5 lbs., \$2.00. By freight: 5 lbs., \$1.75; 10 lbs., \$3.40; 100 lbs., \$24.00.

LAKES' LAWN GRASS

A good mixture at a low price. We have been making it for years and it has given general satisfaction. This mixture will probably make a better showing the first year than any of the others.

By mail: Lb., 40c; 5 lbs., \$1.75. By freight: 5 lbs., \$1.50; 10 lbs., \$2.90; 100 lbs., \$22.00.

MADISON PARKS LAWN GRASS

Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Chewings' Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportion. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 55c; 5 lbs., \$2.60. By freight: 5 lbs., \$2.35; 10 lbs., \$4.50; 100 lbs., \$40.00.

WISCONSIN SHADY MIXTURE

A fine mixture that has proven wonderfully successful in dense shade. Contains high priced grasses that are especially adapted to shaded locations. There is an increasing demand for a lawn grass that will really do well in the shade. We recommend this. Shady Grass does best if planted in the fall.

By mail: Lb., 60c; 5 lbs., \$2.75, postpaid. By freight: 5 lbs., \$2.50; 10 lbs., \$4.70; 100 lbs., \$41.00.

OLDS' HARDY PERENNIAL PLANTS

Olds' Northern Grown Hardy Perennials are all two to three years old, field grown plants, unless otherwise noted. They should not be confused with the small one-year seedlings which are so often offered. Perennials should be used for permanent plantings in beds and borders. When once established they will produce an abundance of flowers for years to come with practically no attention. **ALL PRICES ARE POSTPAID** up to 1,000 miles from Madison. Add 10c if distance is greater.

No orders accepted for shipment into California, Washington, Oregon and Florida.

Note: Plants will be mailed at planting time or when weather will permit digging.

ALYSSUM SAXATILE. Basket of Gold. Masses of bright yellow flowers in early spring. Excellent for front row of borders or the rock garden. Each, 35c; 3 for 90c.

ARMERIA (Sea Pink). Tall Hybrids. Large flowers white, rose and pink shades. Useful for edgings and cuttings. Grows 18 to 24 inches tall and blooms from June to October. Each, 35c; 3 for 90c.

ASTER. Mauve Cushion. A circular cushion-like plant rarely exceeding over ten inches in height. The flowers are delicate soft mauve with silvery-white reflections, measuring about 1½ inches in diameter. They appear in such numbers as to completely cover the plant. An excellent fall blooming plant usually beginning to bloom in early October. Requires a sunny location. Each, 35c; 3 for 90c.

AQUILEGIA. Dobbie's Long Spurred Hybrids (Columbine or Honeysuckle). One of the most graceful and dainty of hardy perennials with its delicately tinted bird-like blossoms on their slender stems, bowing and nodding in the breeze. Mixed colors only. Each, 35c; 3 for 90c.

BUDDLEA. Ile de France (Butterfly Bush)—A deciduous shrubby plant growing rapidly from the roots each spring. Starts blooming early in July and bears great spikes of dark purple colored flowers until frost. Each, 40c; 3 for \$1.05.

BUDDLEA. Charming. A new pink Buddlea. Long sprays covered with lavender-pink blooms. Each, 40c; 3 for \$1.05.

CAMPANULA. Telham Beauty (Persicifolia)—This variety has large bells of beautiful china blue. An improved strain of peach leaf Campanula. Each, 35c; 3 for 90c.

CAMPANULA. Rotundifolia (Harebell), (Blue Bells of Scotland). A good plant to grow in crevices of a rock wall or garden. Blooms in June. 10 to 16 inches tall. Each, 35c; 3 for 90c.

COREOPSIS. Mayfield Giant—Sometimes called Yellow Daisy. Borne on numerous stems in great profusion nearly all summer. Each, 35c; 3 for 90c.

CANTERBURY BELLS. Biennial—Great pillars of bloom in rose-pink, blue and white. Mixed colors only. Each, 35c; 3 for 90c.

CLOVE PINKS. Dianthus Plumarius. Their spicy fragrance rivals their brilliant colors, varying from pure white to the richest crimson, many being beautifully striped and laced. Each, 30c; 3 for 75c.

DAISY. Improved Elders or Memorial—An extra early Shasta Daisy flowering about Decoration Day. Taller and larger flower than the original. Each, 35c; 3 for 90c.

DAISY. Shasta—Burbank's large white daisy. Flowers in July. 4 to 5 inches across. Each, 35c; 3 for 90c.

DICTAMNUS. (Gas Plant). An old-fashioned favorite. The leaves have a fragrant odor and the flowers are borne in upright racemes. The plant has glands that secrete a volatile matter and when ignited in hot weather will burn without injury to the plant. Plant on well-drained rich soil. Each, 40c; 3 for \$1.05.

DELPHINIUM. Pacific Giants. Mixed. Perhaps the most beautiful hardy plant in cultivation. Great pillars of bloom, sometimes 8 feet tall, increasing in size and beauty yearly. This is the largest and most mildew-resistant strain. Each, 50c; 3 for \$1.35.

DELPHINIUM. Belladonna, Sky Blue—A continual bloomer. Each, 35c; 3 for 90c.

DELPHINIUM. Formosum—The true dark blue variety with white eye. Each, 35c; 3 for 90c.

DICENTRA. (Bleeding Heart)—An old-fashioned flower which should be in every garden. Long drooping racemes of heart-shaped flowers. Each, 40c; 3 for \$1.05.

FUNKIA VARIEGATA. (Plantain Lily). An excellent edging plant. Variegated foliage with bright blue flowers. Prefers a location with ample moisture. Each, 35c; 3 for 90c.

FIVE NEW CHRYSANTHEMUMS

The five varieties of Chrysanthemums listed below we recommend very highly for northern gardens. They bloom early in September and have proven very hardy in our trials for the last 5 years, where they wintered over without protection. Plants from 2½-inch pots.

BURGUNDY. Beautiful bright red double flowers about 2½ inches high. An excellent variety for a cut flower as it keeps well in water when cut. September. Each, 40c; 3 for \$1.05.

LAVENDER GEM. Beautiful lavender-orchid double flowers about 2½ inches across, rather flat on the top. Plants 2½ ft. high. September. Each, 40c; 3 for \$1.05.

SNOW. Clear double white on strong 2½ foot plants. Flowers average about 2½ inches in diameter. September. Each, 40c; 3 for \$1.05.

SUNSHINE. Beautiful clear yellow on 2½ foot plants. Flowers average about 2½ inches in diameter. September. Very hardy. Each, 40c; 3 for \$1.05.

AUTUMN. A very double bronze ball shaped pompon. The flowers are slightly flecked with red which has a tendency to enliven the bronze color. They measure 1½ inches in diameter and plants average 2½ to 3 feet in height. September. Each, 40c; 3 for \$1.05.

TALL CHRYSANTHEMUMS. The varieties we list below are very satisfactory in the protected border. They bloom late in the fall when most plants are through blooming. Plants from 2½-inch pots.

A. Barham. Early beautiful orange-brown. Height 2 feet. Usually in full bloom the last part of September. Each, 35c; 3 for 90c.

Carrie or Glory of Seven Oaks. A splendid deep yellow flower late in September. Height 2 feet. Each, 35c; 3 for 90c.

Firebird. Bright semi-double scarlet blooms in October. Each, 35c; 3 for 90c.

Normandie. A rather low growing variety flowering in September. Height, 1½ feet. One of the very earliest cream-whites. Each, 35c; 3 for 90c.

Uvalde. A large early pompon variety. White with faint pink on opening. October. Each, 35c; 3 for 90c.

CHRYSANTHEMUM COLLECTION.

One each of the above 5 varieties for \$1.25.

CUSHION CHRYSANTHEMUMS

This group of low growing "Mums" form a mound of blooms similar to the old Azalea. Plants grow 10 inches high and spread about 2 feet. Literally covered with flowers early in September.

Pink Cushion. (Amelia or Azaleamum.) Very popular owing to its early flowering characteristics. Lavender rose flowering in September. The parent of the cushion Mum. Each, 35c; 3 for 90c.

Red Cushion. Deep red. Each, 35c; 3 for 90c.

White Cushion. White. Each, 35c; 3 for 90c.

Bronze Cushion. Deep bronze turning to copper yellow. Each, 35c; 3 for 90c.

CUSHION CHRYSANTHEMUM COLLECTION.

One each of the above 4 varieties for 95c.

FOXGLOVE. (Digitalis)—A biennial, but renews itself from self-sown seed. Stately and dignified old-time flowers growing on tall stalks. The inverted, tubular blossoms are of very striking beauty. Each, 35c; 3 for 90c.

GAILLARDIA. Grandiflora (Blanket Flower)—One of the most satisfactory of tall, hardy perennials. The large brown center is surrounded by petals marked with concentric rings of brilliant crimson, scarlet, orange and vermilion. One of the few perennials which is always in blossom. 2 to 3 feet in height. Each, 35c; 3 for 90c.

GAILLARDIA. Burgundy—New, shining wine-red Gaillardia. The first of the all-red Gaillardias introduced. Highly recommended. Each, 35c; 3 for 90c.

GYPSOPHILA, OR BABY'S BREATH. *Paniculata Compacta*—When in bloom in August it forms a symmetrical mass 2 to 3 feet in height and the same in diameter; of minute white flowers having a beautiful gauze-like appearance. Can be dried for winter. Each, 35c; 3 for 90c.

GYPSOPHILA FLORA PLENA. This is a double variety of Baby's Breath. Forms masses of minute double white flowers. Each, 40c; 3 for \$1.10.

HEMEROCALLIS. Florhan. Large trumpet-shaped variety. Flowers of rich golden yellow with yellow markings. A strong grower attaining a height of three to three and one-half feet. Flowers in June and July. Each, 35c; 3 for 90c.

HEMEROCALLIS. Fulda. Coppery-orange shading to crimson. Sometimes called Brown Day Lily. 3 feet in height. Flowering in July. Each, 35c; 3 for 90c.

HEMEROCALLIS. Kwanso—A large double golden bronze day lily flowering in August. Each, 35c; 3 for 90c.

HEMEROCALLIS. Thunbergia (Day Lily)—A flower that does well in partial shade. Large lemon yellow lily shaped flowers in July. Each, 35c; 3 for 90c.

DAY LILY COLLECTION

One each of the above four varieties for \$1.05, postpaid.

HOLLYHOCKS. Mixed—These stately old-time favorites, full of sentiment and beauty, bear large, perfectly-formed flowers in many lovely colors and shades. The flower of our beautiful city. Each, 25c; 3 for 55c; \$2.10 per dozen.

HEUCHERA. Sanguinea (Coral-bells)—Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored crimson flowers; is noted most striking in the garden and light and graceful for cutting. 12 to 18 inches. June to September. Each, 35c; 3 for 90c.

LAVENDER. True English. The old-fashioned sweet Lavender used in sachet, etc. Blue fragrant flowers in July. Plants 18 inches tall. Each, 35c; 3 for 90c.

LIATRIS. (Kansas Gay Feather)—Showy plants 4 feet high with spikes of purple flowers. Grow well in sun or shade and most all soils. Blooms midsummer. Each, 35c; 3 for 90c.

LINUM. (Flax). Lovely flowers either blue or white on 12 to 18-inch bushy plants. Flowers from May to July. State color wanted, white or blue. Each, 35c; 3 for 90c.

MONARDA. (Bee Balm, Bergamot). Brilliant crimson flowers from June until August on tall plants suitable for borders. Foliage is delightfully fragrant. Each, 35c; 3 for 90c.

ORIENTAL POPPIES. Order from our Fall Catalog in August.

PHLOX. See next page.

PHLOX. Subulata. (Creeping.)

Alba. A dainty creeping Phlox that is simply covered in the early spring with a profusion of clear white flowers. 6 inches tall. Each, 35c; 3 for 90c.

Lilacina. Similar to Alba but the flowers are larger and a delicate blue-lavender in color. Foliage is light green. Each, 35c; 3 for 90c.

Rosea. Similar to Alba but a shower of bright rose flowers in early spring. Each, 35c; 3 for 90c.

Atropurpurea. This variety will make an exceedingly brilliant display. Flowers are deep carmine red. Each, 35c; 3 for 90c.

Vivid. The finest of all dwarf or creeping Phlox. Bright pink with dark pink eye. Each, 35c; 3 for 90c.

PYRETHRUM. Roseum—The fern-like foliage is attractive and the flowers ranging from pure white through shades of pink are beautiful on the plant, also as cut flowers. 20 to 24 inches tall. Each, 35c; 3 for 90c.

THERMOPSIS. Caroliniana—A graceful plant with its long racemes of yellow pealike flowers. Greatly resembles a large yellow lupine. Height 2 feet, foliage dark green. Sunny well-drained soil. Each, 35c; 3 for 90c.

SPIREA. (Aruncus, Astilbe). Hybrid Spirea of gorgeous shades on small spikes with large flowering heads. Each, 35c; 3 for 90c.

STATICE. Dumosus. Large, flat heads of tiny purplish-pink flowers. May be dried and kept for months. Blooms in August and September. Grows 18 to 24 inches. Each, 35c; 3 for 90c.

VERONICA. Blue Spires (Speedwell). An excellent border plant. Grows two feet high with lovely deep blue spikes which show up well in the border. Foliage is bushy and the plants are upright in growth. Flowers throughout the early summer. Each, 35c; 3 for 90c.

VIOLA. Jersey Gem—A violet that grows 6 inches high and shows a continuous bloom of vivid purple from early summer until frost. The plants are literally covered with huge violets measuring more than an inch in diameter. Each, 35c; 3 for 90c.

YUCCA. Filamentosa (Adam's Needle)—The sword-like foliage is very attractive. Well established plants have spikes of white, lily-like flowers in June. Height 3 to 4 feet. Each, 40c; 3 for \$1.05.

OLDS' HARDY PHLOX

BEACON. Beautiful brilliant cherry red, growing 36 inches high. The flowers are carried on strong straight stems. Each, 35c; 3 for 90c.

BORDER QUEEN. Immense pure pink trusses on dwarf bushy plants about 18 inches high. Each, 35c; 3 for 90c.

FLORA REIDY. Probably the best white in cultivation today. Large pure white flowers. Each, 35c; 3 for 90c.

FUERBRAND (Fireglow). Almost vermilion or brilliant orange scarlet. Free flowering variety of medium height. Each, 35c; 3 for 90c.

GEORGE STIPP. A new variety of deep glowing salmon with shade lighter eye. An excellent outstanding variety. Does not fade. Each, 35c; 3 for 90c.

PAINTED LADY. We think this about the most beautiful Phlox. Large pink flowers with dark scarlet eye. Each, 35c; 3 for 90c.

RHEINLANDER. A salmon pink with red eye. Each, 35c; 3 for 90c.

R. P. STRUTHERS. A smooth blending of rosy-carmine with salmon. Darker eye. Fine large truss. Each, 35c; 3 for 90c.

SALMON GLOW. Beautiful large soft salmon. Each, 35c; 3 for 90c.

SIEBOLD. Orange scarlet with red eye. Very fine. Each, 35c; 3 for 90c.

UNIVERSITY OF WISCONSIN. Rosy magenta. A strong grower. Each, 35c; 3 for 90c.

MIXED PHLOX. An assortment of many good varieties in mixed colors. Specially fine for landscape or foundation plantings. 3 for 50c; 6 for 90c; 12 for \$1.70; 25 for \$3.25.

Iris make beautiful borders. They are easy to grow in poor soil or shade. Will thrive where other flowers fail.

B. Y. MORRISON. Standards are pale lavender and the falls velvety purple with broad lavender border. Each, 30c; 3 for 75c.

CLARA NOYES. An unusual variety with colors blended much as in the Talisman Rose. Standards are tan, falls reddish-bronze, lined with deeper bronze. Yellow beards and half undertone of the same color. A low growing variety but very distinct and unusual. Each, 35c; 3 for 90c.

FRIEDA MOHR. This is probably the outstanding Iris grown today. Grows well everywhere and while not a new variety it still ranks far ahead of any variety in its class. It is a delightfully fragrant, tall and stately lavender or orchid-pink. A very free bloomer with perfect flowers. Mid-season to late. Each, 30c; 3 for 75c.

GOLD IMPERIAL. A fine iris of rare texture and form. Brilliant yellow with conspicuous orange beard. Each, 30c; 3 for 75c.

Olds' Rainbow Phlox Garden

Seven varieties for \$1.60, postpaid.

We offer one each of the following named varieties of Phlox: **Border Queen, Painted Lady, Rheinlander, R. P. Struthers, Siebold, University of Wisconsin, and George Stipp.** Separately packed and labeled, for \$1.60, postpaid.

OLDS' IRIS

PROSPER LAUGIER. Standards of this variety are a fiery bronze and the falls a ruby purple. A most beautiful flower. Each, 30c; 3 for 75c.

LORD OF JUNE. Standards are rich lavender-blue and the falls rich violet-blue. A giant flower with excellent form. Each, 30c; 3 for 75c.

LOHENGRIN. A rare and attractive shade of mauve pink. Each, 30c; 3 for 75c.

RHEIN NIXE. A charming iris. Rich raspberry purple and white. Each, 30c; 3 for 75c.

SEMINOLE. Rich velvety crimson bi-color. Each, 30c; 3 for 75c.

SOUVENIR DE MADAME GAUDICHAU. The best dark purple Iris. Beautiful dark rich purple flowers. Each, 30c; 3 for 75c.

SUSAN BLISS. A tall Iris with flowers of a uniform shade of deep rose pink with a light orange beard. Each, 30c; 3 for 75c.

SUNBEAM IRIS COLLECTION

Seven choice Iris roots for \$1.10.

Olds' Sunbeam Iris Collection consists of one large root each of the following varieties, each labeled:

One each of Lohengrin, Rhein Nixe, Seminole, B. Y. Morrison, Susan Bliss, Gold Imperial, Prosper Laugier.

MIXED IRIS. We offer choice mixed roots, first size and quality as follows: 3 for 35c; 12 for 85c; 25 for \$1.50, postpaid.—Not postpaid, 100 for \$7.00.

DWARF IRIS. Dwarf Iris grow to a height of 6 to 8 inches and flower early. We offer three colors: white, yellow and purple. State color wanted. Each, 25c; 3 for 60c; 6 for \$1.05.

PLANT A WILD FLOWER GARDEN

Native plants are now very popular both for rock gardens and perennial borders. We are listing here some of the best and most popular kinds. These are not sent with other goods, but are mailed alone, postpaid, up to 1,000 miles from Madison, Wis., at the right time for planting, or when weather permits digging in April. Add 10c per plant if you are over 1,000 miles away. No orders for plants will be accepted from California, Washington, Florida, and Oregon.

ASCLEPIAS (Tuberosa)—Butterfly Weed. 12-15 inches; brilliant orange flowers in midsummer; well drained soil in the sun. Each, 30c; 3 for 75c.

BANEBERRY (Actaea Alba)—18-24 inches; white flowers and ivory colored fruit with red pedicels. Each, 30c; 3 for 75c.

BANEBERRY RED. Similar to above but earlier and red. Each, 30c; 3 for 75c.

BLUE COHOSH (Caulophyllum Thalictrifolium)—10-15 inches. The bunches of blue berries in midsummer are the conspicuously ornamental features. Shade and leaf mold. Each, 30c; 3 for 75c.

BLOODROOT (Sanguinaria Canadensis)—The white flowers appear very early in the spring. Each, 30c; 3 for 75c.

BOTTLE GENTIAN (Gentiana Andrewsii)—The dark blue of the Bottle or Closed Gentian carries the flowering season for the wild garden into late October. Each, 30c; 3 for 75c.

CARDINAL LOBELIA (Lobelia Cardinalis)—Brilliant cardinal flowers on stalks 2-4 feet high in August. Each, 30c; 3 for 75c.

DUTCHMAN'S BREECHES (Dicentra Cucullaria)—5 inches; white, early spring. Plant tiny bulbs shallow in rich leaf mold. Shade. Each, 30c; 3 for 75c.

GREAT BLUE LOBELIA (Lobelia Syphillica)—Deep blue flowers on 12 to 24-inch spikes in August. Sun or light shade. Each, 30c; 3 for 75c.

HEPATICA (Acutiloba)—Three-parted leaves pointed at tips. Easier to grow than others because it does not require acid soil. Evergreen leaves over winter, new leaves following the flowers. One of the loveliest little woodland flowers of early spring; varying shades of light blue, pink and white. Each, 30c; 3 for 75c.

JACK-IN-THE-PULPIT (Arisaema Triphyllum)—6-12 inches; brownish purple flowers in May followed by brilliant red berries. Prefers slightly acid leaf mold. Shade. Each, 30c; 3 for 75c.

PARTRIDGE BERRY (Mitchella Repens)—Trailing; pink flowers followed by red fruit in fall. One of the finest of ground covers for moderately acid soil. Each, 30c; 3 for 75c.

PENTSTEMON GRANDIFLORUS (Shell Leaf Pentstemon)—Lovely light lavender flowers in late spring. 18-24 inches. Porous soil. Each, 30c; 3 for 75c.

POLEMONIUM REPTANS (Jacobs Ladder)—A profusion of blue bells in spring. Light shade, fertile soil. 6-8 inches. Each, 30c; 3 for 75c.

SHOOTING STAR (Dodecatheon Meadia)—10-12 inches; white or pink; May. Open, well drained but not poor soil. One of our most beautiful wild flowers. Each, 30c; 3 for 75c.

SHOWY TRILLIUM (Trillium Grandiflorum)—Flowers white, sometimes changing to pink. May. Rich leaf mold soil and light shade. 3 for 30c.

VIRGINIA COWSLIP (Mertensia Virginica)—10-20 inches; glaucous green foliage, pink buds followed by delicate blue flowers in early spring. Sun or shade; fertile, moist soil. Each, 30c; 3 for 75c.

VIOLET PEDATA (Birdsfoot Violet)—One of our loveliest wild flowers, bearing a profusion of flat pansy-like flowers in varying shades of light to deep lavender and purple. Flowers in May. 4-6 inches. Medium acid, well drained soil and open sun. Each, 30c; 3 for 75c.

VIOLA PEDATA BICOLOR (Pansy Violet)—A variety with the two upper petals colored dark purple while the three lower petals are light lavender. Cultural requirements same as above. Each, 30c; 3 for 75c.

VIOLA PUBESCENS (Tall Yellow Violet)—Branching stems with yellow flowers in May. Shade and rich woods soil. 6-8 inches. Each, 30c; 3 for 75c.

WOODS PHLOX (Phlox Divaricata)—Makes a lovely carpet of blue in spring. Light shade, fertile soil and fair amount of moisture. Each, 30c; 3 for 75c.

NATIVE FERNS

MAIDENHAIR FERN (Adiantum Pedatum)—One of the most beautiful and attractive of our native ferns. 1-2 feet. Each, 30c; 3 for 75c.

LADY FERN (Athyrium Felix-foemina)—Easily grown, beautiful fern. 1-3 feet. Each, 30c; 3 for 75c; \$2.70 per dozen.

EVERGREEN WOODFERN (Dryopteris Marginalis)—One of the best ferns for home gardens because of its evergreen nature and ease of culture. Good for holding soil on slopes. 1-2 feet. Each, 30c; 3 for 75c; \$2.70 per dozen.

FLOWERING FERN (Osmunda Claytoniana)—A large, strong-growing fern of somewhat coarser growth than the other varieties. 2-4 feet. Each, 35c; 3 for 90c; \$3.10 per dozen.

OSTRICH FERN (Pteris Nodulosa)—A beautiful, large fern with long, graceful fronds recurving like an ostrich plume. Each, 30c; 3 for 75c; \$2.70 per dozen.

HARDY FERN COLLECTION

15 Wild Ferns for \$2.75, Postpaid.

These ferns are ideal for a beauty spot along the north side of your home or other shady places, combined with other native plants or alone. Collection consists of 3 each of the above named ferns, all for \$2.75, postpaid.



Cypripedium (Lady Slipper).

CYPRIPEDIUM PUBESCENS (Yellow Lady Slipper)—Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. Most easily grown of all the Lady Slippers. Each, 40c; 3 for \$1.05; 12 for \$4.10.

CYPRIPEDIUM SPECTABILE (Showy Lady Slipper)—The finest and most showy of all orchids. It grows up to 2 feet high, bearing along the stalks several rather roundish leaves, and on top one or two quite large rose-purplish or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. Each, 40c; 3 for \$1.05; 12 for \$4.10.

WILD FLOWER COLLECTION

18 Plants for \$2.85, Postpaid.

Here is an ideal collection for the start of a wild flower garden. The assortment is composed of the following plants separately wrapped and labeled:

- 3 Yellow Lady Slippers
- 3 White Baneberry
- 3 Mertensia
- 3 Shooting Stars
- 3 Trilliums
- 3 Jacks-in-the-Pulpit

All 18 plants for \$2.85, Postpaid.

OLDS' EXQUISITE DAHLIAS



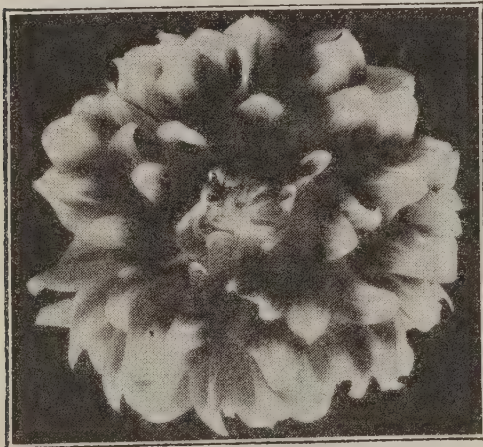
Andreas Hofer. (Cactus.)

ANDREAS HOFER. (Cactus.) Plants two to three feet tall, flowers five to six inches across. The loveliest pink cactus so far developed, the sweetest shade of bright clear pink, blending to cream at center. Very early, most abundant bloomer, splendid keeper when cut. Ideal for decorative purposes, with very long strong stems making it ideal for basket decorations. Each, 75c; 3 for \$1.85, postpaid.

J. K. ALEXANDER, JR. (Decorative.) A whale of a Dahlia. Deep crimson-scarlet. 14 to 16 inches across, blooming freely on fine strong stem. The best crimson cut flower variety grown and one that you'll surely want in your garden. Each, 45c; 3 for \$1.25, postpaid.

AVALON. (Decorative.) The finest bright yellow decorative for cutting we have seen. Long stems, ideal for cutting, splendid keeper when cut, very free-flowering. Plants three to four feet tall, flowers seven to eight inches across. Each, 25c; 3 for 60c, postpaid.

JANE COWL. (Decorative.) Color glistening bronze-buff and old gold. Flowers measure 10 inches across. Plants 4½ to 6 feet tall. A stem of unusual strength holds the giant flower erect over a plant of ideal growth. Each, 30c; 3 for 75c, postpaid.



Jauarice.

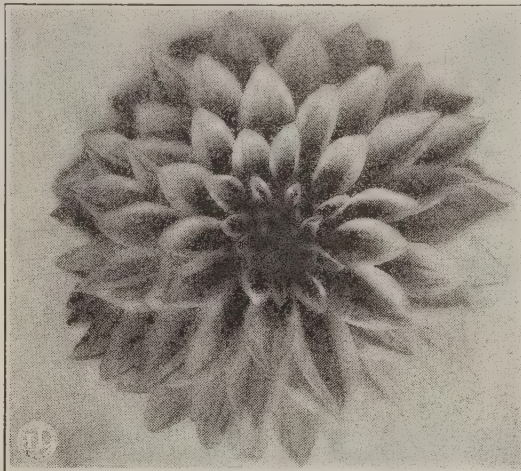
JAUARICE. (Decorative.) This is one of the best large flowering, dark shades with deep sheen of velvet, maroon reverse. Very free-flowering with long stiff stems. A good keeper after cutting. Flowers are 7 to 8 inches across. Each, 45c; 3 for \$1.25, postpaid.

JERSEY BEAUTY. (Decorative.) One of the finest of all dahlias. A beautiful shade of rich clear pink that can hardly be described in words. The 7 to 8 inch flowers are carried high above the foliage on long, wiry stems. Plants 5 to 6 feet tall. A wonderful keeper and excellent for exhibition or commercial purposes. Each, 30c; 3 for 75c, postpaid.

KING OF THE BLACKS. (Decorative.) Darkest rich velvet red almost black Dahlia. Compact, vigorous grower. Bush is low and spreading with blooms high above the foliage. Each, 35c; 3 for 90c, postpaid.

LE GRAND MANITOU. (Decorative.) Rich royal purple mottled veined splashed and blotched white, very attractive and novel combination of colors, dwarf grower, plants 2½-3 feet tall, very free-flowering, imported from France. Each, 35c; 3 for 90c, postpaid.

LOIS WALCHER. (Decorative.) This large bi-color dahlia won five achievement medals in one season and we consider it one of the most attractive grown. The color is a true purple with the outer petals or one-third of flower pure white. Flowers are on good strong stems and measure about 8 inches in diameter. Each, \$1.10; 3 for \$2.75, postpaid.



Mrs. I. De Ver Warner. (Decorative.)

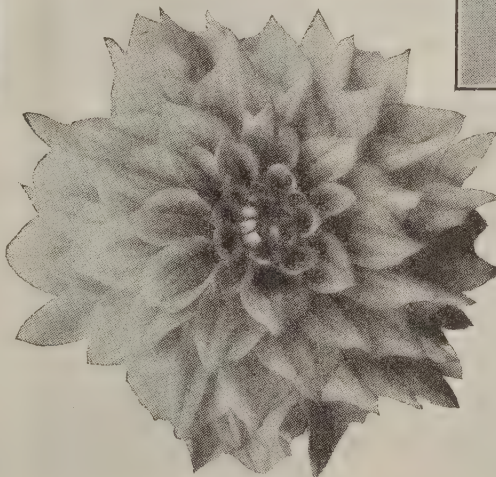
MRS. I. DE VER WARNER. (Decorative.) Bloom 8-9½ inches across, plants 5-6 feet tall. Rich clear lavender or violet-rose. Gigantic flowers, very long stems, most abundant bloomer. Highly recommended. Each, 25c; 3 for 60c, postpaid.

MONMOUTH CHAMPION. (Decorative.) A brilliant orange flame red glistening in light. One of the favorites. A good producer of perfect blooms through entire season. Each, 30c; 3 for 75c, postpaid.

PRIDE OF STRATFORD. (Decorative.) Early large fine shaped flowers of cadmium orange. Very free-flowering, fine strong stems. Four to five feet high. Very showy in the garden as well as bouquets. Each, 30c; 3 for 75c, postpaid.

PRINCE OF PERSIA. (Decorative.) Flowers eight to nine inches across, plants three to four feet tall. Intense fiery crimson-scarlet, the richest and most intense of all the reds, a giant among giants, strong vigorous grower. Each, 50c; 3 for \$1.25, postpaid.

SALEM PRIDE. (Decorative.) Blooms eight to ten inches across, plants three to four feet tall. Rich violet-red flecked white, making a marbled overlaying effect of white and violet. A giant among giants, flowers eight to nine inches in diameter produced early, continuously, and on very vigorous plants. Highly recommended. Each, \$1.00; 3 for \$2.50, postpaid.



Wm. Hogan.

Miniatures and Pompons

Miniature and Pompon Dahlias are gaining in popularity. Their profuse ever-blooming nature and their small dainty flowers make them ideal for floral decorations and cut flowers.

AMBER QUEEN. (Pompon.) Exquisite blending of amber to apricot. Very free-flowering, splendid for table decoration. Strong, vigorous grower. Each, 25c; 3 for 60c, postpaid.

BABY ROYAL. (Miniature Cactus.) Flowers two to three inches across. Plants 15 to 24 inches tall. New dwarf creation from England that has created considerable attention due to its distinctive formation, very early flowering, and its usefulness for table decoration, cutting and garden purposes. Ideal for bedding and landscape work. Loveliest colorings, a beautiful blending of coral, salmon and gold, pink shades predominating. Splendid stems, excellent keeper when cut. Always in blossom by July 4th, which is early and continues until frost. Strong stems, ideal for cutting. Each, 35c; 3 for 90c, postpaid.

CARDINAL. (Pompon.) Bright flaming scarlet-red. Each, 35c; 3 for 90c, postpaid.

GOLDEN QUEEN. (Pompon.) Rich, clear bright yellow, the finest yellow in the Miniature Ball dahlias. Each, 25c; 3 for 60c, postpaid.

JOE FETTE. (Pompon.) The best little white dahlia ever grown. Always loaded with small clear white flowers on fine graceful stems. Each, 30c; 3 for 75c, postpaid.

LITTLE HERMAN. (Pompon or Miniature Ball Dahlia.) Flowers 1½ to 2 inches across. Plants 2½ to 3½ feet tall, very free-flowering. No two flowers alike. Flowers are all conceivable combinations of deep maroon red and white, some so evenly marked as to appear pinkish, others dark red with white blotches, some variegated, some mottled, others veined. A most interesting and fascinating variety. Seldom two flowers alike on the same plant. Each, 35c; 3 for 90c, postpaid.

Miniature and Pompon Collection

We offer one each of these six dainty Miniature and Pompon Dahlias listed above for \$1.25, postpaid. This is a real bargain and should not be overlooked.



Olds' Finest Mixed Dahlias.

OLDS' FINEST MIXED DAHLIAS

A mixture of choice named varieties showing every shape, size and color to be found in dahlias. 3 for 40c; 6 for 75c; 12 for \$1.40; 50 for \$5.25, postpaid.

WM. HOGAN. (Decorative.) One of the most attractive, fancy Dahlias grown. Very showy with good sized deep crimson flowers, tipped pure white. Free-flowering with long stems. Makes a very showy display. Each, 60c; 3 for \$1.40, postpaid.

THOMAS EDISON. (Decorative.) Giant royal purple flowers growing on long stiff stems. While an old variety, it is still one of the most popular in its color class. Each, 60c; 3 for \$1.40, postpaid.

WHITE WONDER. (Decorative.) Giant blooms are pure white with long twisted and curled petals. Flowers 8 to 10 inches in diameter with strong stems. Each, 40c; 3 for \$1.00, postpaid.



The President, Canna.



Ismene Calathina.

ISMENE CALATHINA

ISMENE CALATHINA. (Peruvian Daffodil.) Very fragrant pure white flowers borne three or four on a stem. Not hardy and should be dug and stored for winter. Each, 25c; 3 for 65c; 12 for \$2.35, postpaid.



Amaryllis.

AMARYLLIS

AMARYLLIS. New Hybrid Mixed. Flowers are immense in an amazing range of color blends. Splashed and striped in a manner not seen in other strains. One of the largest of flowers which are easily forced indoors. Bulbs 2½ inches in diameter. Plant with ½ of the bulb above ground. Each, 40c; 3 for \$1.20; 12 for \$4.20, postpaid.

CANNAS

THE PRESIDENT. 4 feet tall. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong stems. The foliage is green. Bulbs, 20c each; 3 for 50c; 12 for \$1.80, postpaid.

KING HUMBERT. Red. 4 feet. A cross between the orchid-flowering and the French, or Crozy type, combining the large flowers of the one with the free-blooming character of the other, with handsome, broad, tropical foliage. Scarlet flowers, bronze leaves. Each, 20c; 3 for 50c; 12 for \$1.80, postpaid.

YELLOW KING HUMBERT. 4 feet. An orchid-flowering sort of the well-known King Humbert. Foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower. Each, 20c; 3 for 50c; 12 for \$1.80, postpaid.

HUNGARIA. 3 feet. Large flowers of purest satiny-pink. Compact green foliage. The best pink Canna. Each, 20c; 3 for 50c; 12 for \$1.80, postpaid.

COPPER GIANT. 4 feet. Claimed the world's best Canna. Giant flowers borne on strong stalks with green foliage. Madder red and old rose with a burnished copper effect. Each, 25c; 3 for 65c; 12 for \$2.40, postpaid.

EUREKA. 3½ feet. The best white canna. Foliage light green; strong growth with large blooms. Color creamy white with faint lavender striping in the throat. Each, 35c; 3 for 80c; 12 for \$3.35, postpaid.

One bulb each of the above six Cannas for \$1.00, postpaid.

PLEASE NOTE—Order canna bulbs early and pot the bulbs in April. You will gain three to four weeks in the blooming season. Orders for canna bulbs will be mailed as soon as weather permits.



Montebretias.

MONTEBRETIAS

MONTEBRETIAS MIXED. Montebretias add much to the garden with their graceful flower stems. They do best on a light loamy soil enriched with leaf mold and a little lime. Here in the north they should be dug and treated the same as Gladiolus. Our mixture contains many bright shades of yellow, salmon, orange, and scarlet. 3 for 25c; 12 for 90c, postpaid.

TUBEROSE BULBS

The sweetest scented flower that grows and one of the most charming.

D W A R F PEARL. Large, double wax-like flowers of purest white; orange-blossom fragrance. Large Bulbs. Each, 15c; 3 for 40c; 6 for 75c; 12 for \$1.40, postpaid.

Please Note: Bulbs are sent in March as soon as weather permits.



Dwarf Pearl Tuberose.

OLDS' PEONIES

PLEASE NOTE. Peonies and Iris should be planted either early in the spring or in the fall. All orders received before May 1st will be shipped at once or when weather permits digging. Orders received after that date will be sent out about September 15th.



M. Jules Elie Peony.

FESTIVA MAXIMA. Big globular masses of pure white bloom, the inner petals slightly tinged with crimson. These handsome flowers are borne on tall, sturdy, branching plants of vigorous growth. Festiva Maxima is probably the most popular of all peonies and by many considered the most nearly perfect. Each, 55c; 3 for \$1.40, postpaid.

GIGANTEA. As the name implies, it is a beautiful extra large variety of clear pink, rather late in season. Each, 55c; 3 for \$1.40, postpaid.

KARL ROSENFELD. The plant throws large clusters of dark crimson flowers; these are of the semi-rose type and have no odor. Plants are strong and healthy. This is one of the best for cut flowers, landscape or for florists. Each 65c; 3 for \$1.65, postpaid.

KELWAY'S GLORIOUS. Generally considered the best of the late rose-type peonies. Enormous, full double blooms of a creamy-white color overlaid with a soft blush of rose. Very fragrant. Received a rating of 9.8 in the American Peony Association. Each, \$1.60; 3 for \$4.50, postpaid.

M. DUPONT. Large flat rose type, milk white center, splashed crimson. Mid-season, fragrant. Each, 55c; 3 for \$1.40, postpaid.

M. JULES ELIE. The flowers are of immense size, globular in shape. The color is a glistening lilac-pink, shading to rose at the base. The whole flower is overlaid with a sheet of silver, sparkling like dew. A good keeper and cut flower. Each, 60c; 3 for \$1.50, postpaid.

PHILIPPE RIVOIRE. Early. Very dark uniform amaranthine red. Fragrant peony. Rose type. One of the darkest red peonies in existence. Each, \$1.60; 3 for \$4.50, postpaid.

SARAH BERNHARDT. Large semi-rose type, late peony. Apple blossom pink. Each petal silver tipped. Very fragrant. Each, 85c; 3 for \$2.25, postpaid.

SOLANGE. A beautiful extra large, very late peony. Compact flower of rose-type with the outer petals of delicate light lilac-white deepening toward the center with a deep orange-salmon. Rated 9.7. An unusual peony that should be in every garden. Each, \$1.10; 3 for \$2.75, postpaid.

THERESA. Our favorite pink variety. Satiny pink changing to lilac-white and a center with a glossy reflex. An enormous rose-type developing a high crown. Erect robust strong grower. Rated by the American Peony Association as 9.8. Each, 90c; 3 for \$2.40, postpaid.

WALTER FAXON. Uniform bright rose deepening toward the center. A delicate and distinct color. An extra fine mid-season, medium sized globular semi-rose flower. Each, 85c; 3 for \$2.25, postpaid.

MIXED PEONIES. We offer a fine lot of mixed roots to those who wish to use the unnamed sorts in large quantities for landscape work. Mixed red, pink or white if desired. 3 for \$1.00; 6 for \$1.90; 12 for \$3.60, postpaid.—By express, 100 for \$27.00.

FERN-LEAF PEONIES

NOTE: Fern-leaf peonies bloom so early that orders for spring shipment must be mailed in April. Orders received after April 20th will be sent in the fall.

Due to limited stocks, we are unable to offer the double variety this year.

SINGLE FERN-LEAF PEONY. One of the loveliest of single peonies. Crimson single flowers with fern-leaf foliage. Very early. Each, 50c; 3 for \$1.25, postpaid.

FLOWERS for your MORALE GARDEN



Marigold, Sunkist

Marigold

1038. SUNKIST. H. A. A 1943 All-America Silver Medal Winner. Beautiful 1½-inch

deep large orange blossoms on plants six to ten inches tall. Flowers have crested centers of dainty tubular petals surrounded by several rows of broad guard petals. Early and free blooming. A dazzling border or window box plant. **Pkt., 20c; 2 pkts., 35c; ½ oz., 80c; 1 oz., \$1.50.**



Alyssum, Violet Queen

Alyssum

830. VIOLET QUEEN. H. A. Plants are dwarf,

compact, neat in habits, free flowering, and the small sweetly scented flowers are a very rich deep shade of violet. You will certainly want some of this beautiful edging plant in your garden this season. **Pkt., 15c; 2 pkts., 25c; ¼ oz., 60c; ½ oz., \$1.00.**



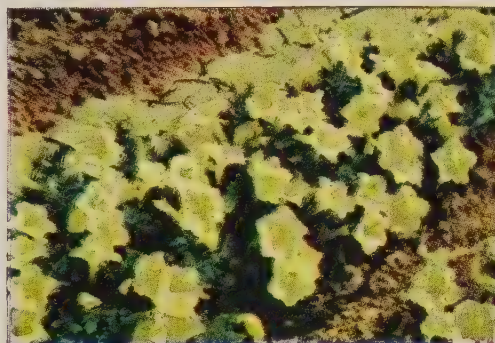
Zinnia Fantasy, Melody



Marigold, Mission Giant-Goldsmith

Marigold

1035½. MISSION GIANT-GOLDSMITH. H. A. Mission Giant is a new strain of Marigold of medium height with giant Chrysanthemum blooms. They are base branching, producing from eight to twelve stems of excellent cutting length. The laterals or side branches produce just as large, if not larger blooms, than the center stems. It is very early, coming into bloom fully two weeks ahead of the ordinary Sunshine types. The ball-shaped blooms measure from four to five inches in diameter and resemble giant incurved Chrysanthemums. The great number of small florets that go to make up the huge blooms are tubular except near the top where the tubes seem to separate into five miniature ribbon-like parts that curl and twist to form a perfect ball-shaped incurved flower. Goldsmith is a rich golden orange which makes a brilliant display in the garden. **Pkt., 15c; 2 pkts., 25c; ¼ oz., 70c; ½ oz., \$1.30; 1 oz., \$2.50.**



Petunia, Cream Star

Petunia

1098. CREAM STAR. H. A. A new soft pastel cream Petunia for the garden. Light cream at the edges with the throat darkening to a bright golden yellow. The small star-like blossoms are five pointed and produced in enormous quantities on a dwarf bushy plant of uniform growth. An excellent border or edging plant as well as ideal for bedding. **Pkt., 15c; 2 pkts., 25c; 1/16 oz., 60c; ⅛ oz., \$1.00; ¼ oz., \$1.90.**

Fantasy Zinnia

1348. MELODY. H. A. The Fantasy type of Zinnia has proven very popular from the time it first originated several years ago. Its shaggy and informal flowers give it an airy and graceful appearance not found in the other types. As a cut flower it is ideal. This new color, a striking and distinct vivid lavender, is unusual. The blossoms are medium size and plants grow about two to three feet in height. Will flower from seed in about fifty days. We do not recommend transplanting the Fantasy type. **Pkt., 15c; 2 pkts., 25c; ½ oz., 80c; 1 oz., \$1.50.**

Scabiosa

1158. ROSETTE. H. A. This is the result of many years' selection and painstaking care by plant breeders. Rosette is a beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. It is a most popular flower for the garden and also for the florist for cutting. **Pkt., 15c; 2 pkts., 25c; ½ oz., 85c; 1 oz., \$1.50.**



Zinnia Striata, The Clown

Striata Zinnia

1328. THE CLOWN. H. A. An amusing new Zinnia cheerfully striped scarlet and gold. Blooms are two and one-half to three inches in size, and because of the very free flowering character of the plant, it is excellent for cutting and colorful in the garden. The 2½-foot plants branch freely and bloom profusely. The more you cut the more they will produce. As with most striped flowers, some variation will be found and approximately eighty to eighty-five per cent will come true striped scarlet and gold. **Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c.**



Zinnia Lilliput, Dainty Gem

Lilliput Zinnia

1349. DAINTY GEM. H. A. A new Lilliput or Dwarf Zinnia. Fascinating bicolor red buttonlike flowers on wiry stems. Just the right length for bouquets. The neat compact round blossoms, 1½ inches in diameter, are bright rose in the center and flesh pink on the lower outside petals. No up-to-the-minute garden is complete without it. **Pkt., 20c; 2 pkts., 35c; ½ oz., \$1.15; 1 oz., \$2.00.**



Scabiosa, Rosette



Marigold, Dwarf Harmony Hybrids, Mixed

Marigold

1037. DOUBLE HARMONY HYBRIDS, MIXED. H. A. For several years Marigold Harmony has been a very popular all around garden and cut flower. It always comes practically 100 per cent true from seed which has made it quite difficult for the plant breeders to obtain new colors. It is a pleasure to be able to offer this beautiful flower in a mixed combination of colors. These compact plants are from 12 to 14 inches in height, 100 per cent double, and flowering commences about two and one-half months after seed is sown. The flowers are of medium size, rather large for the French type, averaging $1\frac{3}{4}$ inches in diameter. They do not have the strong Marigold odor. The color range includes the popular Harmony, a lovely golden-orange shade, distinct golden-yellow, and innumerable blotched and striped combinations of golden-orange with maroon and various shades of gold and lemon-yellow with contrasting dark maroon. Flowers have the familiar crested center flanked with several rows of broad dark petals. **Pkt., 15c; 2 pkts., 25c; $\frac{1}{2}$ oz., 60c; oz., \$1.00.**



Ageratum, Fairy Pink

Ageratum

826. FAIRY PINK. H. A. This dwarf, compact, soft salmon-pink Ageratum is a welcome addition to the dwarf Ageratums. It begins to bloom when not more than $1\frac{1}{2}$ to 2 inches high and continues to bloom until it forms a solid compact mass of blossoms. Plants when fully grown are not more than five inches in height. Note illustration. **Pkt., 20c; 2 pkts., 35c; $\frac{1}{8}$ oz., \$1.50; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.25.**



Ageratum, Midget Blue

Ageratum

827. MIDGET BLUE. H. A. It has been quite difficult to produce dwarf Ageratums true to name from seed. However, we are pleased to offer Ageratum Midget Blue which will come practically true to form and color from seed. The plants are very dwarf, not over two to three inches in height and smothered with small true Ageratum blue flowers. The foliage is delicate and fine. **Pkt., 25c; 2 pkts., 40c; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{2}$ oz., \$3.35; $\frac{1}{2}$ oz., \$6.25.**



Poppy, Nudicaule, Gartford Giant Art Shades

Iceland Poppy

1129. GARTFORD GIANT ART SHADES. H. P. The Nudicaule or Iceland Poppies are extremely interesting Poppies. The lack of popularity in this strain of Poppy the past years was due to the lack of attractive colors. This new Art Shades mixture is an excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured carried on extremely long, heavy wiry stems up to 30 inches in length which are produced in quantity on each plant. They bloom early in the spring and are excellent for cutting when properly treated. The ends of the stems should be burned or dipped in hot water and they will last for several days. The color range in this mixture includes lovely pastel shades of apricot, cream, gold, pink, white and various shades of rose. Swaying on their long wiry stems, they are a beautiful sight in the spring garden. **Pkt., 20c; 2 pkts., 35c; $\frac{1}{4}$ oz., \$1.00; $\frac{1}{2}$ oz., \$1.90; oz., \$3.50.**

Pansy

1076. ENGELMANN'S GIANTS. H. H. P. Of all the strains of Pansies on the market today, we believe that Mr. Carl Engelmann of England has produced the very finest strain of all. Mr. Engelmann has won outstanding awards and medals at the great spring show at Chelsea each year on his strains of Pansies. The seed that we offer is imported from the originator. This strain is a very vigorous growing, compact and early flowering type, and contains a great variety of shades both dark and light, all of the blotched type with very huge, well formed blossoms. The blend of colors is too difficult to describe in words and we refer you to the illustration shown at right. We highly recommend this strain of Pansies. Start seed indoors in flats early in February for early spring blooms. **Pkt., 30c; 2 pkts., 50c; $\frac{1}{16}$ oz., \$1.25; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.50; $\frac{1}{2}$ oz., \$6.50; oz., \$12.00.**



Dahlia Unwin's Double Mixed

Dahlia

935. UNWIN'S DOUBLE MIXED. H. A. Dahlias can be easily grown from seed so as to bloom the first year. Plant in a box in the house in April and transplant. The dwarf small flowering type is becoming increasingly popular as a border or pot garden subject. It is also an excellent bedding plant. They make excellent cut flowers. **Pkt., 15c; 2 pkts., 25c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 90c; $\frac{1}{2}$ oz., \$1.60.**



Pansy, Engelmann's Giant



Nierembergia, Hippomanica

Nierembergia

1069. HIPPOMANICA (Dwarf Cup Flower). T. P. While in the South this is a hardy perennial, it must be grown here in the North as an annual. It is one of the most prolific flowering plants that we know of. It starts to flower when the plants are only two inches tall, or about fifteen weeks after the seed has been sown, and keeps right on until heavy frosts. The plant at all times is neat and compact appearing, the new flowers covering the older flowers and seed pods. The lavender-blue flowers enriched by a touch of yellow in the center are most charming. Plants are very dwarf, compact, and not over six inches high with a spread of ten inches. Foliage is light gray green. Recommended for an edging or border plant. Very beautiful in window boxes or flower pots. Note the illustration. Seed slow to germinate and should be started in flats. **Pkt., 25c; 2 pkts., 40c; 1/32 oz., \$1.25; 1/16 oz., \$2.10; 1/8 oz., \$4.00.**



Zinnia, Fantasy Wildfire

Zinnia

1332. WILDFIRE. H. A. There has been an unusual demand for the fantasy types of Zinnia, and with the addition of separate colors, this race of Zinnias will prove very popular. Wildfire adds a distinct note of color and cheerfulness to the garden and will enliven any home when used in flower arrangements. The plants are from 2 1/2 to 3 feet in height, are neat in habit, strong growing and very free blooming, coming into flower 45 to 50 days after seed is sown. We recommend sowing this type of Zinnia in the ground where they are to grow, if possible, as they seem to succeed much more satisfactorily. The rich dazzling scarlet of this variety will attract attention wherever grown. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 85c; oz., \$1.50.**



Poppy, Olds' All Double Shirley

Shirley Poppy

1123. OLDS' ALL DOUBLE MIXED SHIRLEY. H. A. The bushy plants grow about 28 inches in height and flower early in the summer with the richest display of color imaginable. Scarlet, carmine, crimson, dark and light pink, salmon shades, white, pink and white edged, scarlet on white ground, and pink on white grounds, as well as a bright cerise color. There are over 100 various color combinations in our growing this season. The airy-silky sheen of Shirley Poppies is particular to all shades. Formerly the best results obtained with the beautiful Ranunculi flowered Poppies were 70 to 80 per cent double. This strain that we offer comes practically 100 per cent double from seed. Neither the illustration nor the description given here can begin to do justice to these beautiful flowers. We urge our customers to be sure to order a packet of this seed. Blooms are in general a good one-third larger than the old-fashioned strains of Shirley Poppies and are excellent for cut flowers, if cut in the bud. This item brings us many unsolicited testimonials each year.

Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.



Antirrhinum, Rosalie (Rust-Resistant)

Antirrhinum

839. ROSALIE. H. A. A new color in Antirrhinums. It is a rich deep rose with an underlying tone of topaz or amber, giving it a richness which makes it stand out conspicuously among all other colors. As the tube and lips are the same color, the depth and richness of the flower are intensified. Flowers are base branching, producing from six to eight long flowering spikes on which the florets are decidedly well arranged. This all-purpose Snapdragon should be in every garden. Bronze medal All-America winner. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 75c; 1/2 oz., \$1.30; oz., \$2.40.**



Scabiosa, Caucasica Hybrids

Scabiosa (PERENNIAL)

1156. CAUCASICA HYBRIDS. H. P. The perennial Scabiosas bloom from June to October and require little space and thrive in ordinary soil. They are of great value to the gardener as the graceful flowers in delicate shades of blue and lavender borne on long and erect stems make them very valuable as cut flowers throughout the season. No perennial garden is complete without them. This new strain of giant hybrids is very beautiful and a great improvement over the older types, being more vigorous and larger with longer stems and larger petals. Plants grow to 18 inches in height and the lavender shades of flowers are frilled on the edges. **Pkt., 20c; 2 pkts., 35c; 1/8 oz., 55c; 1/4 oz., 90c; 1/2 oz., \$1.65; oz., \$3.00.**

Cosmos



Cosmos, Double Orange Ruffles

924. DOUBLE ORANGE RUFFLES. H. A. A new semi-double extra early Orange Flare Cosmos. The vivid golden-orange flower with the two or three extra rows of petals produce an airy butterfly-like beauty to the blossoms. It is two weeks earlier than Orange Flare and extremely free blooming. The three to four-foot plants will remain in flower for about six weeks without attention or indefinitely if the older flowers are removed. A flower that will add immensely to the beauty of any garden. **Pkt., 5c; 1/2 oz., 40c; 1 oz., 75c.**



LARKSPUR
1018. Los Angeles

Larkspur

1018. LOS ANGELES. H. A. Several years ago we introduced to the trade a new strain of Double Stock Flowering Larkspur of which Los Angeles in our opinion was the most beautiful. It is an excellent subject in the garden and very showy and combines well with other flowers in bouquets. In this variety we have a rich salmon overlaid with a brilliant and pleasing rose. The foliage is a dark green making the large double flowers stand out very prominently. The flowers show up exceedingly beautiful under artificial light. Plants grow about two to two and one-half feet in height on good stiff stems. If you have planted this variety before, we are sure that you will plant it again. However, if you have not grown this beautiful flower, we urge you to be sure to include it in your flower garden. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.**



ESCHSCHOLTZIA
874. Ramona

Eschscholtzia CALIFORNIA POPPY

874. RAMONA. H. A. California Poppies or Eschscholtzias are becoming more popular each year. They seem to do well on rather poor soil where other flowers fail. The color of this striking variety is a rich golden bronze with a coppery-rose outside. Flowers on compact plants extended on erect stems with flowers beautifully frilled and curved. Note illustration. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 90c; oz., \$1.75.**

Cynoglossum CHINESE FORGET-ME-NOT

937. DWARF COMPACTUM FIRMAMENT. H. A. Better appearing and produces more flowers than the taller type. Plants are sixteen inches in height, strong and erect. A flower that blooms all summer until freezing even on poor soils. The Forget-me-not like blooms are a vivid blue and will harmonize well with all colors. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 45c; oz., 75c.**



Hollyhock, Indian Spring

Hollyhock

1008. INDIAN SPRING. H. A. Several years ago Holland sent us the new annual Hollyhock that will bloom in sixteen weeks from seed. We recommend sowing the seed in flats, transplanting in six weeks to the open ground, where it will flower in about ten weeks. Individual flowers measure about five inches in diameter. The semi-double flowers range in color from a pale pink to crimson. Height, four to six feet. A most attractive annual and should prove very popular in our American gardens. **Pkt., 15c; 2 pkts., 25c; 1/2 oz., 80c; oz., \$1.50.**



Zinnia, Linearis Orange

Zinnia

1333. LINEARIUS ORANGE. H. A. This little dwarf Zinnia much resembles a Daisy. It begins to flower when the plants are about six inches tall and keeps right on throughout the season until the late frosts of autumn. It never looks untidy as the dozens of newly opened flowers prevent the faded ones from becoming prominent. Flowers are single and a lovely shade of golden-orange with a delicate lemon-yellow stripe through each petal, while the center is a dark brown with the young flowers turning to golden-orange as the flower develops. Plants reach a height of eight to ten inches, and with plenty of room for development, they spread as much as two feet in a season. Literally hundreds of flowers are open at a time. It is excellent for borders or edging and also for window boxes or for growing in the garden where a dwarf growing plant with vivid coloring is desired. They last nearly two weeks when cut and placed in water. It usually begins to flower ten weeks after the seed is sown. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.00.**



Phlox Gigantea, Salmon Glory

Annual Phlox

1112. GIGANTEA SALMON GLORY. H. A. A good salmon Phlox of the Drummondii Gigantea type has been wanted for a long time. It is a pleasure to offer Salmon Glory. The individual florets with ordinary field culture will average from 1 1/4 inches to 1 1/2 inches in diameter. The color is a pure salmon pink with a distinct creamy white eye. A most striking and beautiful combination of color. An All-America Silver Medal Winner. **Pkt., 15c; 2 pkts., 25c; 1/6 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75; oz., \$5.00.**

PLANT FLOWERS FOR MORALE

Brighten your garden, your home, and the homes of sick friends with flowers from your morale garden. They are needed in these trying times.



Cynoglossum, Dwarf Firmament



Verbena, Hybrida Grandiflora Brightness

Verbena

1306 1/2. BRIGHTNESS. H. A. Verbenas have always been popular in the northern gardens. They remain in bloom long after the first early frost, extending the flowering season until heavy killing frost. As the name implies, this variety is particularly showy and attractive. The color, a bright rose-rose, boldly contrasts with the large white eye. Individual florets average nearly an inch in diameter, while the flowering heads measure 2 1/2 to nearly 3 inches across. The plants are semi-compact in habit with a spread of from 15 to 18 inches, making an excellent variety for border or edging use. It is of the hybrid grandiflora type. **Pkt., 20c; 2 pkts., 35c; 1/4 oz., \$1.00; 1/2 oz., \$1.75; oz., \$3.00.**

CHOICE ANNUAL FLOWER SEEDS

OLDS' ASTERS



Giant Branching Aster.

800. Olds' Finest Mixed Wilt-Resistant. H. A. This is a new mixture of Wilt-Resistant varieties of asters. By planting this strain asters can be grown on soil that has had to be abandoned on account of wilt. There are, however, two types of aster disease, Aster Wilt and Aster Yellows. Wilt can be controlled by planting Wilt-Resistant varieties but the Yellows cannot be controlled by planting Wilt-Resistant seed as the Yellows are caused by an insect. This mixture contains the very best varieties, large flowers, bright colors in splendid assortment. Pkt., 10c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

802½. Olds' Giant Branching. H. A. (Wilt Resistant.) Mixed. One of the finest of all asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy flowers. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.20.

802. Giant Comet Mixed. H. A. (Wilt Resistant.) Immense double flowers, resembling chrysanthemums. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.20.

803. Red Sensation. H. A. (Wilt Resistant.) This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

804. Giant White. H. A. (Wilt Resistant, Branching.) One of the best white asters. Four inches in diameter. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

806. White Ostrich Plume. H. A. (Wilt Resistant.) Without doubt one of the finest asters grown. Large, graceful flowers free from all stiffness. Very suitable for cut flowers. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

805½. Giant Shell Pink. H. A. (Wilt Resistant.) (Branching.) The best clear light pink. Large flowers, graceful in form. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

807. Giant Crimson. H. A. (Wilt Resistant.) (Branching.) A variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

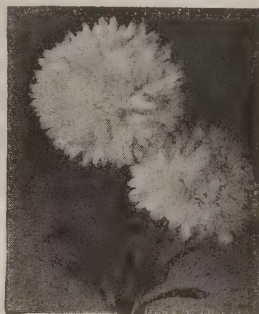
808. Giant Blue. H. A. (Branching.) (Wilt Resistant.) Almost a pure lavender shade approaching an azure blue. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

809. Giant Purple. H. A. (Wilt Resistant.) (Branching.) A rich violet or purple. One of the best dark-shaded varieties. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.



California Giant Double Mixed Aster.

817. California Giant Double Mixed. H. A. A combination of the sturdy habit of growth and long stems of the Beauty type of asters with the well-known Ostrich Feather type of large, graceful flowers. Three feet high. The colors are: white, peach blossom, light blue, light purple, deep rose and dark purple. Pkt., 15c; 2 pkts., 25c; ¼ oz., 75c; ½ oz., \$1.30; oz., \$2.50.



Royal Mixed Aster.

800½. Royal Mixed. (Wilt Resistant.) (Early Flowering.) H. A. A strain of American aster, growing about 2 feet high. Very large double flowers with distinctly incurved petals. Recommended for the northern states. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.20.



California Giant Sunshine Aster.

815. California Giant Sunshine. (Mixed.) H. A. An Anemone-flowered type of Aster. The flowers have a raised center with the outside petals of a contrasting color, measuring 4 to 6 inches across. Without doubt one of the finest varieties for cutting on our entire list, and it is also the most resistant to disease. Our strain has extra long stiff stems. The beauty of this flower can hardly be described in words. Pkt., 15c; 2 pkts., 25c; ¼ oz., 75c; ½ oz., \$1.30; oz., \$2.50.

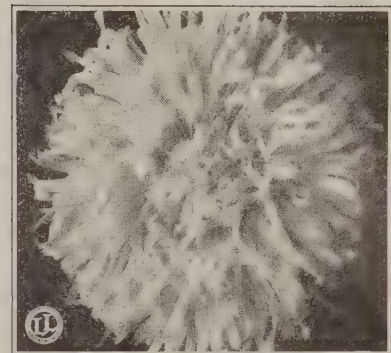
HOW TO PLANT FLOWER SEEDS IN THE GARDEN

Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care must be taken to make the ground suitable to their needs. The soil best adapted to flowering plants is generally a light friable loam, containing enough sand to make it porous, thoroughly pulverized and enriched with liberal amounts of Vigoro. Make the seed bed as fine, smooth and level as possible, except that a slight rounding of the bed is desirable that it may be well drained; do not plant when the ground is wet and do not plant too early. The ground must be thoroughly warm for most flower seeds. Cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding.

PLEASE NOTE.

The meaning of the initial preceding each variety is as follows:

A. indicates an Annual; these grow, bloom and die the first year.
B. indicates a Biennial; these grow the first year and bloom and die the next. Usually self seed.
P. indicates a Perennial; these grow the first year, bloom the second and from year to year thereafter.
H. indicates a Hardy Plant.
H. H. indicates a Half-Hardy Plant.
T. indicates a Tender Plant. Thus H. H. A. would mean Half-Hardy Annual, and T. P. a Tender Perennial.



Super Giant Los Angeles Aster.

811. Super Giant Los Angeles. H. A. This is the largest and most fully double aster known. The flowers are from 6 to 8 inches across, full petaled and artistically graceful in the feathery effect of the interlacing ostrich-type petals. The color is soft shell pink blending to creamy pink in the center. Plants about 3 feet in height with 6 to 8 long lateral stems on a plant. Without doubt the best aster yet introduced. This is not a wilt-resistant variety. Pkt., 15c; 2 pkts., 25c; ¼ oz., 90c; ½ oz., \$1.60; oz., \$3.00.

2-11-43
"I never had such beautiful Asters as these Royal Mixed. Everyone said they were nicer than they could get at any greenhouse. I tell my friends about your fine seeds."

Mrs. Ossie Gross, Wis.



Golden Sheaf Aster.

810. Golden Sheaf. H. A. (Wilt Resistant.) An Aurora aster. Centers are quilled and outer petals broad. This is the deepest yellow aster yet introduced and the only one that is wilt-resistant. The flowers are fully double, attractive crest-like centers of good substance and fine depth petals. The flowers last well when cut and are excellent shippers. Height, 2 feet. Pkt., 15c; 2 pkts., 25c; ¼ oz., 75c; ½ oz., \$1.30; oz., \$2.50.

805. Heart of France. (Wilt Resistant.) H. A. The best pure red aster ever introduced; flowers large and full, purest ruby. Pkt., 15c; 2 pkts., 25c; ¼ oz., 75c; ½ oz., \$1.30; oz., \$2.50.



Heart of France Aster.

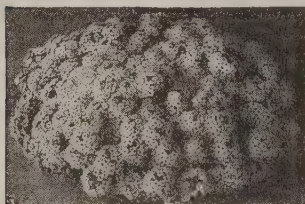


Blue Ball Ageratum.

825. **AGERATUM. Blue Ball.** H. A. Plants are compact, standing about four inches high. The broad green foliage is almost completely smothered over a long blooming period with flowers of richest blue shades. Pkt., 10c; 2 pkts., 15c; 1/4 oz., \$1.00; 1/2 oz., \$1.80; oz., \$3.50.

826. **AGERATUM. Fairy Pink.** H. A. New dwarf, compact, soft salmon pink Ageratum. See page 38 for color illustration and description. Pkt., 20c; 2 pkts., 35c; 1/8 oz., \$1.50; 1/4 oz., \$2.75.

827. **AGERATUM. Midget Blue.** H. A. The Dwarfest Ageratum grown from seed today. Illustrated in color on page 38. Pkt., 25c; 2



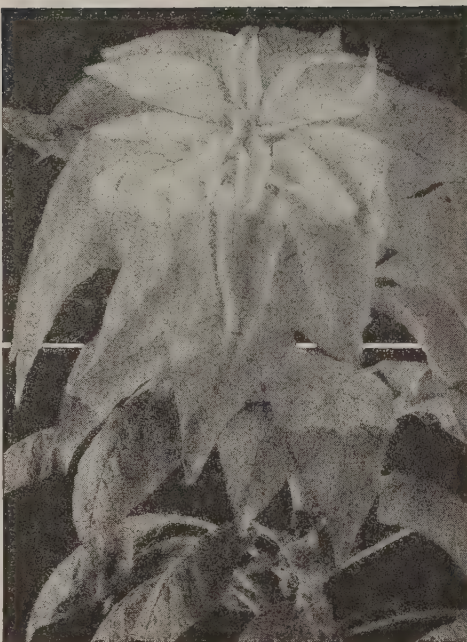
Little Gem Sweet Alyssum.

831. **ALYSSUM, SWEET.** H. A. (Compactum Erectum.) Little Gem. Carpet of snow. One of the finest dwarf annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 45c; oz., 80c.



Blue Bird Anchusa.

821. **ANCHUSA. Blue Bird.** H. A. Anchusa resembles a large forget-me-not. Blue Bird grows about 18 inches high, bearing flowers in a luxuriant bouquet at the top of the plant. The indigo blue forms a brilliant effect in any scheme for decoration of beds and borders. Blooms continuously throughout the summer. Pkt., 10c; 1/2 oz., 60c; oz., \$1.00.



Aurora Amaranthus.

823. **AMORANTHUS. Aurora.** Beautiful ornamental plants three feet high. Produces the best colors in hot sunny locations. The head of the plant is bright carmine shading to red, yellow and dark green. Note illustration. The lighter shade is the part of the plant appearing red. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.



Bartonia Aurea.

861. **BARTONIA. Aurea.** H. A. The Bartonia is widely grown in the west. We think you will like this lovely large golden yellow flower which glistens like satin in the sunshine. The plant grows two feet high and prefers a dry sunny location. Note illustration. Pkt., 10c; 2 pkts., 15c.

862 1/2. **BROWALLIA ELATA, Mixed.** H. A. Vigorous blooming bedding plant covered during summer and autumn with flowers of rare shades of blue and white. Grows freely in any rich soil. Flowers have long stems making them excellent for cutting. Pkt., 15c; 2 pkts., 25c.

906. **CELOSIA DWARF CRESTATA.** Coxcomb. H. A. Very hardy annuals of easy culture, producing large ornamental comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 85c; oz., \$1.50.

905. **CELOSIA PLUMOSA. Ostrich Plume.** H. A. Plants pyramidal, branching out above the plant with numerous massive plumes which resemble ostrich feathers. Pkt., 10c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.



Celosia Plumosa.
(Ostrich Plume.)



Celosia Crestata
(Coxcomb.)



Bachelor's-Button.



Balsam.

860. **BALSAM. H. A. (Lady Slipper or Poor Man's Orchid.) Camellia Mixed.** Produces its gorgeous masses of brilliant colored flowers in great profusion in the axils of the leaves. Pkt., 10c; 1/2 oz., 45c; oz., 80c.

859 1/2. **BALSAM. Double Bush Flowering Mixed.** H. A. Bush Flowering Balsams differ from the tall growing Balsams in that the flowers are on the tip of the stems, making a showing of color rather than foliage. The plants are 10 to 15 inches high, compact and covered with double rose-like flowers. We are pleased to offer a mixture of many pleasing shades of this very attractive flower. Pkt., 20c; 2 pkts., 35c.

OLDS' BLUE FLOWER GARDEN

9 Beautiful Blue Flowering Annuals for only 45c, postpaid. This beautiful blue flower garden consists of one full size package of each of the following varieties: Ageratum, Blue Ball; Campanula, Annual Liberty Bell; Centaurea, Jubilee Gem; Delphinium, Cambridge Blue; Lobelia, Blue; Petunia, Blue Bedder; Morning Glory, Heavenly Blue; Salpiglossis, Purple and Gold; and Scabiosa, Blue Cockade.



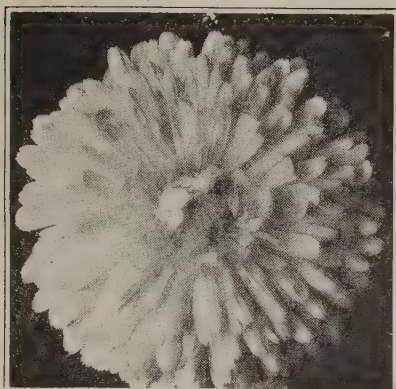
Dwarf Jubilee Gem Bachelor's-Button.

OLDS' BACHELOR'S-BUTTON

857. **Jubilee Gem.** H. A. The illustration above will best describe the characteristics of this new type Centaurea. It has a foliage distinct from all other sorts forming a tufted mat of vivid green contrasting with the dark but striking double blue flowers. The plant grows about one foot high. This should be everyone's flower. Easy to grow, adaptable for any purpose to which a plant can be put, and a fine cut flower. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.

855. **Mixed.** H. A. (Centaurea Cyanus.) (Corn Flower, Blue Bottle, Ragged Sailor, etc.) Although not a pretentious plant, Bachelor's-Button is one of the popular, hardy, old-fashioned annuals. Pkt., 10c; 1/2 oz., 25c; oz., 40c.

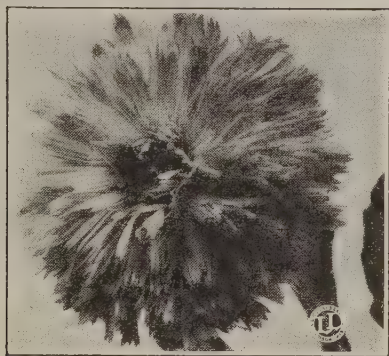
856. **Blue Shades.** H. A. Fine for a blue garden. Pkt., 10c; 1/2 oz., 25c; oz., 40c.



Chrysanthemum Calendula.

OLDS' CALENDULAS

864. **Chrysanthemum.** H. A. The large Chrysanthemum-shaped flowers measuring four inches across are a clear buttercup yellow with long, loosely arranged drooping petals. Besides adding a splash of beautiful yellow color to your garden this Calendula also makes a fine cut flower. Its stems are long and stiff and the flowers keep well in water. Pkt., 10c; 1/4 oz., 35c.



Shaggy Calendula.

863. **Shaggy.** H. A. A lacinated petalled type. The color is a deep orange shading to slightly lighter orange in the center giving the flower a delightful two-toned effect. Plants about 18 inches tall. Exceedingly graceful and especially desirable for the garden. Pkt., 10c; 1/4 oz., 30c.

868. **Campfire.** H. A. (Sensation.) Of vigorous growth, with the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, very handsome. Pkt., 10c; 1/4 oz., 50c.

865. **Double Mixed.** H. A. (Pot Marigold.) Freely-flowering plants of easiest culture, succeeding everywhere. Pkt., 5c; 1/2 oz. 20c; oz., 30c.

866. **Orange King.** H. A. A very select double dark, orange-red Calendula. Pkt., 10c; 1/4 oz., 30c.

915. **CHRYSANTHEMUM.** H. A. Annual Mixed. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. Pkt., 10c; 1/2 oz., 50c.



Cleome, Giant Pink Queen.



California Super Giant Cineraria.

932. **CINERARIA.** California Super-Giants. For our customers who like to grow their own house plants from seed we emphatically recommend this new strain of giant Cineraria. It is a result of many years of individual breeding and selection and the seed saved is from the very finest stock plants. The beautifully formed flowers measure from four to six inches in diameter with individual petals as much as 1 1/2 inches wide. Plants are compact in habit, 15 to 18 inches high, and the plant is basal branching which is a characteristic not found in any other strain of Cineraria. Color range from salmon and azure blue to the deepest blood red and violet blue. Pkt., 25c; 2 pkts., 40c; 1/32 oz., \$3.75.

890. **CANNA.** H. A. Crozy's Best Mixed. Height, 2 1/2 to 3 feet. Great clusters of brilliant bloom, borne on tall spikes, surmounting broad leaves of green, bronze or purple, giving a tropical effect. Seeds should be soaked or chipped. See illustration on page 36. Pkt., 10c; 1/2 oz., 60c; oz., \$1.00.



Note. **CARNATIONS** while perennials are not hardy in the north and should be treated as annuals.

900. **CARNATION.** H. H. P. New Double Chabaud's Giant Mixed. (Improved Strain.) Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 90c; 1/2 oz., \$1.60; oz., \$3.00.

901. **CARNATION.** H. H. P. Yellow Marie Chabaud. A unique color in carnations. Seed will produce about 75% true. Pkt., 10c; 2 pkts., 15c; 1/8 oz., 65c; 1/4 oz., \$1.10; 1/2 oz., \$2.00.

931. **CUPHEA.** Firefly. H. A. The general effect of this plant when in full bloom is a ball of fire. It is excellent for rockery, window boxes, flower pots, or as a border plant. This tender annual will flower readily in twelve to fourteen weeks from seed and blooms profusely throughout the summer. The compact plants reach a height of about ten inches and are covered with small delicate fiery cerise red flowers. Makes a good pot plant. Pkt., 10c; 2 pkts., 15c.

918. **CLEOME.** H. A. Giant Pink Queen. An annual flower easily grown from seed that blooms abundantly from summer until late fall. This new and distinct variety has huge trusses of bright salmon pink on plants averaging three feet in height that are vigorous and bushy. The curious appearance of the seed pods has given the plant the name of "Spider Flower." It is ideal for tall borders or along driveways. Adaptable to any part of the country and is insect and disease free. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 85c; oz., \$1.50.



Cobaea Scandens.

920. **COBAEA, SCAN-**
DENS. H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season. Will cling to any rough surface. In sowing, plant the seed edgewise, in flats in March or April. The large bell-shaped flowers are first green, then turn to a beautiful purple. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.

919. **CLARKIA, ELE-**
GANS. H. A. Double Mixed. Bright and attractive annuals of easy culture. They grow about 2 feet high, bear profusely pretty double flowers carried on long, graceful sprays. Flowers resemble sprays of flowering almond. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 85c.



Clarkia.

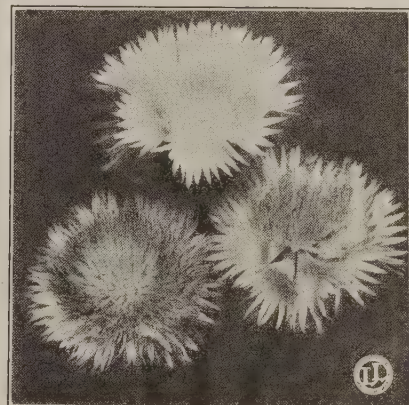
885. **CANDYT U F T,**
UMBELLATA. H. A. Olds' Choice Mixed. Well known hardy plants much used for borders and edging. Easy to grow. Season July 'til heavy frost. Height, one foot. Pkt., 10c; 1/2 oz., 30c.



Candytuft, Coronaria.

886. **CANDYTUFT, CORONARIA.** H. A. Giant White Hyacinth Flowered. Snowy white flowers on sturdy large spikes. Much like a hyacinth. Pkt., 10c; 1/2 oz., 45c; oz., 75c.

911. **CENTAUREA, IMPERIALIS.** H. A. Sweet Sultan. Beautiful sweet-scented flowers borne on long strong stems. When cut, will last for days in water. Very easy to grow. Pkt., 10c; 1/2 oz., 50c; oz., 90c.



Centaurea, Imperialis (Sweet Sultan).



Sensation Cosmos.
OLDS' COSMOS.

928. **SENSATION MIXED.** H. A. The giant blooms measure four to six inches across on plants four to five feet tall. To produce the large blooms, plant three feet apart and disbud. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 80c.

924. **DOUBLE ORANGE RUFFLES.** H. A. Our new semi-double extra early Orange Flare Cosmos. See page 39 for color illustration and description. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 40c; oz., 75c.



Klondike Orange Flare Cosmos.

927. **KLONDIKE ORANGE FLARE.** H. A. An early flowering strain produced in four months from seeding. Marigold-like foliage 2 to 3 feet tall and bushy. Flowers a deep, brilliant orange color. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 80c.

925. **EXTRA EARLY DOUBLE CRESTED MIXED.** H. A. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 10c; 2 pkts., 15c; $\frac{1}{4}$ oz., 60c; $\frac{1}{2}$ oz., \$1.10; oz., \$2.00.



Extra Early Double Crested Mixed Cosmos.

926. **EXTRA EARLY COLOSSAL MIXED.** H. A. The Cosmos for the northern latitudes. The plant is graceful and delicate, the flowers single and as large as the late blooming kinds. Plants grow 4 to 6 feet high. Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 35c.



Annual. Canterbury Bell. Liberty Bell.

893. **CANTERBURY BELL.** H. A. Annual Liberty Bell. Liberty Bell is one of the finest of the annual Canterbury Bells. It will flower in late summer from spring sowing bringing spring into the autumn garden. The color is a very beautiful violet-blue. Pkt., 10c; 2 for 15c; $\frac{1}{4}$ oz., 35c; $\frac{1}{2}$ oz., 60c; oz., \$1.00.

894. **CANTERBURY BELLS.** H. A. (CAM-PANULA.) Annual Mixed. Here is a new variety of Canterbury Bell that brings spring into your garden in the fall. It will bloom from seed in 90 days. The plants grow from 2 to $2\frac{1}{2}$ feet tall and each plant has from 6 to 8 spikes of bloom. Pkt., 10c; 2 pkts., 15c; $\frac{1}{4}$ oz., 25c; $\frac{1}{2}$ oz., 45c; oz., 90c.



Dazzler Calliopsis.

876. **CALLIOPSIS.** H. A. Dwarf Dazzler. A new bi-colored Calliopsis. Center of flower rich maroon with broad yellow border. Plants are six to ten inches high. Flowers are large. Will attract attention wherever grown. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 85c.

875. **CALLIOPSIS.** H. A. Fine Mixed. Showy, yellow flowers that thrive anywhere, some with base of petals of deep maroon. Blooms all summer. Pkt., 5c; $\frac{1}{2}$ oz., 25c; oz., 45c.

934. **CYNOGLOSSUM AMABILE.** H. A. (Chinese Forget-Me-Not.) Forms erect bushes 24 to 36 inches high covered with beautiful brilliant blue, fragrant flowers. Blossoms from May to October. Fine for the border. Very easy to grow. Pkt., 5c; oz., 30c.

937. **CYNOGLOSSUM.** Dwarf Firmament. H. A. Neater in appearance than the taller type and more suitable for border planting. Grows about 16 inches tall. See page 41 for color illustration and description. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 45c; oz., 75c.

960. **DOLICHOS.** H. A. (Hyaline Bean.) A rapid-growing, free-flowering annual climber; blossoms and maroon pods are very ornamental. Pkt., 10c; oz., 25c.

936. **DAHLIA.** H. A. Improved Dwarf Mignon Hybrids. A dwarf, compact, single-flowered Dahlia easily grown from seed. Attains a height of 1 to $1\frac{1}{2}$ feet. Will produce flowers freely throughout the season of many vivid and striking shades. Pkt., 10c; 2 pkts., 15c; $\frac{1}{8}$ oz., 30c; $\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 90c; oz., \$1.60.

935. **DAHLIA.** H. A. Unwin's Double Mixed. See page 38 for color illustration. Large flowering. Dahlias can be grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant. Pkt., 15c; 2 pkts., 25c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 90c; $\frac{1}{2}$ oz., \$1.60; oz., \$3.00. **BULBS.** See page 35.

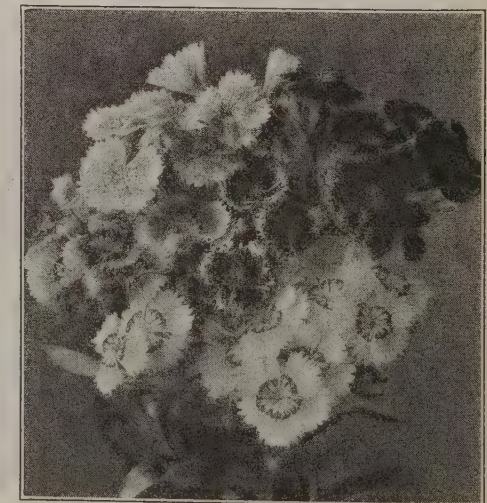


Lacinatus Splendens Dianthus.

953. **DIANTHUS.** Lacinatus Splendens. H. A. Probably the most striking of all the Dianthus. Neat and compact in habit, growing about 6 to 8 inches high and producing hundreds of showy flowers throughout the season. Dozens of flowers in bloom at a time. Blooms throughout the summer months. Flowers are strongly scented and are about two inches in diameter. The color is brilliant crimson with a vividly contrasting large white eye. An easily grown, free flowering garden annual. Pkt., 10c; 2 pkts., 15c; $\frac{1}{4}$ oz., 60c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.80.

950. **DIANTHUS.** (Pinks.) Double Chinen-sis Mixed. H. A. One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form striped bands and markings and are very beautiful. Pkt., 10c; $\frac{1}{2}$ oz., 70c; oz., \$1.20.

954. **DIANTHUS.** Sweet Wivelsfield. H. A. A cross between the hardy Pink and the Sweet William. Flowers are over three inches in diameter and are borne profusely. Colors include pink, rose, white and many marked with contrasting shades. Some are honey-scented. Pkt., 10c; 2 pkts., 15c; $\frac{1}{4}$ oz., 60c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.80.



Sweet Wivelsfield Dianthus.



Escholtzia or California Poppies. (Fine Mixed.)

Olds' Escholtzias or California Poppies

870. Single, Fine Mixed. H. A. (Escholtzia.) The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, orange and yellow. Should be in every garden. Pkt., 5c; ½ oz., 25c.

872. Carmine King. H. A. Beautiful carmine-rose, both inside and out. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

873. Golden West. H. A. The true wild California Poppy. Yellow with orange center. Largest flowers. Pkt., 10c; ½ oz., 35c; oz., 60c.



944½. DIMORPHOTHECA. Golden Orange Daisy. H. A. A showy African Daisy with large glossy, orange-red flowers. See illustration above. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.10.

942. DIMORPHOTHECA. (Star of the Veldt.) H. A. Mixed Hybrids. Commonly called Showy African Daisy. See illustration of Golden Orange African Daisy above. Our mixture contains many beautiful shades of yellow, salmon, gold and white. Pkt., 10c; 2 pkts., 15c; ¼ oz., 35c; ½ oz., 60c; ½ oz., \$1.10.



Didiscus Coeruleus.

959. DIDISCUS, COERULEUS. H. A. (Blue Lace Flower.) A beautiful blue-flowering annual growing about 3 feet tall. Very fine for cutting. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.20.

874. Ramona. H. A. California Poppies or Escholtzias are becoming more popular each year. They seem to do well on rather poor soil where other flowers fail. This new variety is exceptionally attractive. See page 41 for color illustration and description. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.75.



Sunlite Hunnemannia.

1001. HUNNEMANNIA FUMARIFOLIA. H. A. Sunlite. (Mexican Tulip Poppy.) A double-flowered bush poppy having much the appearance of a clear canary yellow tulip, two inches in diameter. The extra bands of petals are not on the inside but on the outside, making the flower appear open even after the cup-like blossoms are closed for the night. The foliage is a light grey-green. Grows about 2 feet high. Requires a sunny, well-drained location. Flowers freely in late summer. Plant after the soil becomes warm. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.10; oz., \$2.00.

969. EUPHORBIA VARIGETA. H. A. (Snow on the Mountain.) A very distinct plant. Grows 2 feet high; very showy with its foliage edged white and green. Splendid for bouquets. Pkt. 10c; ½ oz., 35c; oz., 60c.

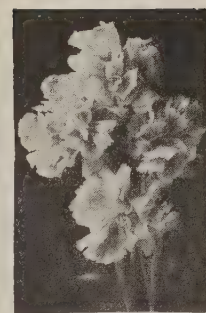
943. ARCTOTIS GRANDIS. H. A. (Blue-Eyed African Daisy.) Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver white with blue eyes. Underside of petals bluish. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.25.



Mixed Ornamental Gourds.

995. GOURDS. H. A. Mixed. Ornamental. Quickly makes a dense growth of vines. Do not plant near squash or pumpkin. It will make them bitter. Large types make fine birdhouses. Pkt., 10c; ½ oz., 30c; oz., 50c.

GLADIOLUS BULBS. See page 57.



Godetia.



Kochia.

990. GODETIA. (Shamini Type.) H. A. Best Tall Double Mixed. A very pretty annual which should be more largely and more extensively grown. Attains a height of about 1½ feet. The flowers have a satiny texture with many beautiful colors. A profuse bloomer. Does well in poor soil. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

1013. KOCHIA. (Trichophylla Childsii.) (Annual Evergreen.) H. A. Mexican Fire Bush. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Makes a nice hedge. Pkt., 5c; oz., 20c; ¼ lb., 60c.

985. GAILLARDIA PICTA. H. A. Double Mixed. The annual Blanket Flower—reds and yellows. One of our most profuse blooming annuals. Grows 1½ feet tall with gray-green foliage. Pkt., 10c; ½ oz., 70c; oz., \$1.20.

970. FORGET-ME-NOT. H. H. P. (Myosotis.) Should be treated as an annual as it blooms from early sown seed. One of the best spring flowers and a great favorite. A sea of blue. The national flower of Belgium. Pkt., 15c; ¼ oz., \$1.25; ½ oz., \$2.20; oz., \$4.00.

975. FOUR O'CLOCK OR MARABILIS. H. A. (Marvel of Peru.) Mixed. Handsome, free flowering, many colored blossoms. A good flower of hardy, bushy habit, very charming as a hedge plant. Pkt., 10c; ½ oz., 25c; oz., 40c.

1000. HELIOTROPE. H. H. P. Double Mixed. A fine house plant. Delicate blue and white flowers continuously appearing. Loved most for its fragrance. Pkt., 15c; 2 pkts., 25c.

OLDS' EVERLASTINGS

Grow your own winter bouquets. How welcome they are in the winter when flowers are scarce; also fine for presents. Cut before fully open, bunch and hang for ten days in a dark, dry, room.

The six varieties listed below are all very fine for winter bouquets.



Helichrysum.



Statice Sinuata.

965. HELICHRYSUM MONSTROSUM. Mixed. H. A. Double flowers in glittering colors. The well-known strawflower. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

968. STATICE, Sinuata. Mixed. H. A. Dense groups of straw blossoms on the top of wiry stiff stems. Last for months when dried. Pkt., 10c; ½ oz., 30c; oz., 50c.

967. ACROCLINIUM. Double Mixed. H. A. A pretty annual 15 inches high, bearing lovely white or pink daisy-like blossoms. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

997. GOMPHRENA. H. A. Best Mixed. (Globe Amaranth.) A showy annual everlasting or strawflower, resembling a large clover blossom. Pkt., 10c; ½ oz., 40c; oz., 60c.

994. GYPSOPHILA ELEGANS. Paris Market. H. A. The popular minute white flowers used by florists so much in bouquets. Usually called Baby's Breath. Pkt., 5c; ½ oz., 15c; oz., 25c.

1026. LUNARIA. H. A. (Silver Dollar Plant.) The flowers are purple, followed by silvery seed pods which make wonderful winter decoration. Pkt., 10c; 2 pkts., 15c; ¼ oz., 70c; ½ oz., \$1.25; oz., \$2.00.

OLDS' LARKSPURS

The New Annual Giant Imperial Larkspurs are exceedingly graceful and attractive and are ideal for cut flowers as the flowering stems, three to four feet long, branch from the base of the plant. Sow early, and thin out the seedlings so each plant will have room for development.

1015. Tall Giant Imperial Mixed. H. A. Tall old-fashioned spikes, 4 feet in height. Shades of blue, pink and white. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

1016. La France. H. A. Salmon-pink shade of the stock flowering type. Pkt., 10c; ½ oz., 60c; oz., \$1.00.

1013½. Blue Spire. H. A. Deep oxford blue. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; 1 oz., \$1.00.

1014½. Lilac Spire. H. A. A true lilac shade. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; 1 oz., \$1.00.

1015½. Carmine King. H. A. Deep carmine rose. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; 1 oz., \$1.00.

1016½. White King. H. A. Large florets two inches across. Pure glistening white. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; 1 oz., \$1.00.

1017½. Rosalind. H. A. Rose suffused salmon. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; 1 oz., \$1.00.

1018. Improved Los Angeles. H. A. In this variety we have a rich salmon overlaid with a brilliant and pleasing rose. A beautiful flower in the garden and ideal for cutting. See page 41 for color illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

ANNUAL LARKSPUR COLLECTION

This collection is comprised of one pkt. each of the last six beautiful varieties of Larkspurs listed above. Will make a splendid cut flower garden. Special Collection Price: 25c, postpaid.

1028. LUPINUS. Annual Hartwegii Giants. H. A. Easy to grow and a great improvement over the old variety. It is an annual of very striking habit, growing from 3 to 4 feet tall, and of the base branching type with 4 to 6 long spikes to the plant. The foliage is a beautiful cress green. Spikes contain 25 to 50 more blooms than the old type and the blooms are larger. A fine cut flower. Pkt., 10c; ½ oz., 50c; oz., 80c.

1028½. LUPINUS. Annual Yellow Freesia Scented. H. A. We think this is one of the finest of the new flowers. It has the fine form and habits of the Hartwegii type and a beautiful buttercup yellow color. This beautiful color plus the fine form is ample justification for its being in every flower garden, even the most aristocratic, but the outstanding feature of all, however, is its grand fragrance. It is especially strong and reminds one of the sweet scent of a freshly cut Freesia bloom. Pkt., 20c; 2 pkts., 35c.



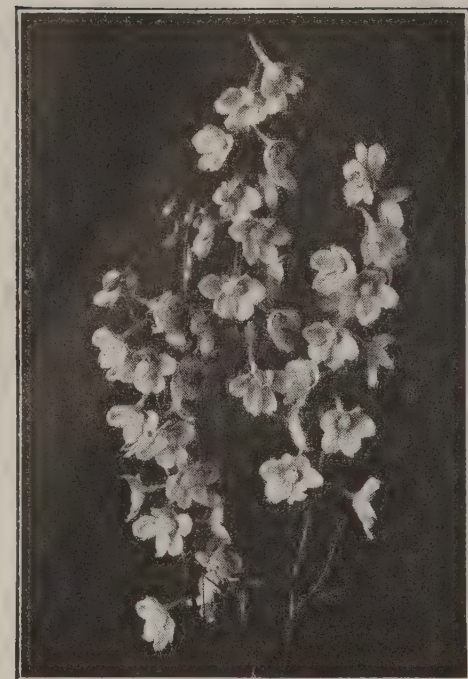
Double Mixed Nigella.

1068. NIGELLA. Double Mixed. (Love in the Mist.) H. A. A compact free flowering plant with finely cut foliage. Easily grown in any garden soil. Blue and white shades. Height 18 inches. Pkt., 5c; ½ oz., 25c; oz., 40c.



Linaria (Baby Snapdragons).

1023. LINARIA. (Baby Snaps.) Maroccana Hybrid Mixed. H. A. A beautiful little annual which is easily grown from seed. Flowers resemble small Snapdragons with spurs similar to a Columbine. The plant grows about one foot high and will usually bloom from seed in eight weeks. A fine flower which we are sorry to say is little known. Pkt., 10c; ½ oz., 40c; oz., 75c.



Annual Cambridge Blue Delphinium.

1018½. ANNUAL DELPHINIUM. Cambridge Blue. H. A. This is a Chinese type of Delphinium which is strictly an annual. Blooms the first year from early sown seed. It is especially fine for border plants with its tall spikes of blue flowers. The color is a rich light blue surpassing Belladonna in brilliancy. Plants average two to three feet in height. Pkt., 10c; 2 pkts., 15c; ¼ oz., 90c; ½ oz., \$1.65; oz., \$3.00.

1008. HOLLYHOCK. Indian Spring. H. A. A novelty Hollyhock from Holland. See page 41 for color illustration. Pkt., 15c; 2 pkts., 25c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

1007. HOLLYHOCK. Annual Single Mixed. Tall spikes of satiny mallow flowers throughout the summer. Pkt., 5c; ½ oz., 20c; oz., 30c.

1025. LOBELIA. H. A. Dwarf Dark Blue. Compact, bushy little plants about 6 inches high and covered with little, bright blue flowers. Attractive in window boxes or edging flower beds. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; ¼ oz., 60c; ½ oz., \$1.10; oz., \$2.00.

OLDS' IPOMEAS AND MORNING GLORIES



Morning Glory, Pearly Gates.

1043. IPOMEA. Pearly Gates. H. A. This new Morning Glory originated from a sport of the early Heavenly Blue Morning Glory. The big satiny-white 4½-inch flowers have a creamy shading in the throat. The vine is fast growing, attaining a height of about twelve feet with luxuriant foliage of heart-shaped leaves of fresh light green. An excellent flower for a red, white and blue garden. Pkt., 15c; 2 pkts., 25c; ½ oz., 75c; oz., \$1.25.

Please Note: Plant on poor soil. Convolvulus and Ipomeas are both considered Morning Glories. The Convolvulus have a capitate instead of two linear stigmas.

1049. IPOMEA. Scarlett O'Hara. H. A. Flowers are about four inches in diameter of a dark wine-red or deep rosy-crimson. They are produced on fast growing vines which start blooming within 65 days after seed is sown. Flowers are a lovely blaze of color during the morning, and until well in the afternoon, remaining open practically all day on cloudy or dull days. Pkt., 15c; 2 pkts., 25c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.80.

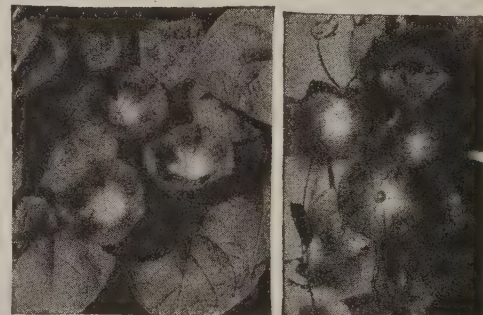
930. IPOMEA QUAMOCLIT SCARLET. (Cypress Vine.) H. A. Mixed. Unexcelled for training up a light trellis. Bears many star-shaped scarlet or white blossoms; finely cut leaves. Pkt., 15c; 2 pkts., 25c.

898. IPOMEA QUAMOCLIT SLOTERI. (Cardinal Climber.) H. A. A very handsome vine with finely cut fern-like ornamental foliage; a strong rapid grower attaining a height of 25 feet, and covered with a blaze of fiery, cardinal red flowers, somewhat resembling small Morning Glories with the bell turned back. Pkt., 10c; 2 pkts., 15c; ¼ oz., 90c; ½ oz., \$1.60.

1046. IPOMEA ALAMO or MILE-A-MINUTE VINE. H. A. The foliage is dainty and delicate and lacy in appearance. The flowers are creamy white, about 1½ inches in diameter, deep wine-red at the center, and unlike most members of this family, open late in the morning with the bright sun and remain open during the afternoon. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c.

RED, WHITE AND BLUE MORNING GLORY GARDEN

Will make a splendid display on a trellis, arbor or fence. Each collection consists of one full size pkt. of each. Heavenly Blue—bright blue, Pearly Gates—white, Crimson Rambler—bright red. Price: 25c, postpaid.



Crimson Rambler
Morning Glory.

Moonflower.

1044. CONVOLVULUS. Crimson Rambler. H. A. The most easily grown and best flowering red Morning Glory. Ruby red with tube and throat white. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c.

1040. IPOMEA. Noctiflora. H. A. Mixed Moonflower. A fine, ivy-leaved climber, covered every evening with large, fragrant flowers. Pkt., 10c; ½ oz., 35c; oz., 60c.

1045. CONVOLVULUS. (Morning Glory.) H. A. Imperial. A wonderful array of color—pure white through all shades of blue and red to the darkest purple. Pkt., 5c; oz., 25c.

1047. CONVOLVULUS. (Morning Glory.) H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. Pkt., 5c; oz., 25c.

1048. IPOMEA. (Morning Glory.) Heavenly Blue. Clark's Early Strain. H. A. Our favorite Morning Glory. Flowers measure 3 to 4 inches across. Clear blue with white throat. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 75c.

Olds' Marigolds

Marigolds from early summer to late fall supply the garden with their wealth of color. Too well known to require much in the way of description.



Guinea Gold Marigold.

1034. Guinea Gold. (African.) H. A. The large double flowers are startling. The color is a rich Guinea Gold which can almost be described as a brilliant orange, a color which will harmonize well with other colors. The flowers will last for weeks as cut flowers and the plants are a mass of bloom until frost. While the flower is double it is not a solid double but the petals are beautifully waved and fringed. It grows 2 to 3 feet tall. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1030. Dwarf Mixed French. H. A. The favorite, dwarf, highly-colored variety. Pkt., 5c; ½ oz., 30c; oz., 50c.

1030½. Tall Double French Mixed. H. A. Much taller than the French Dwarf mixed. Grows to a height of about 30 inches. Colors: yellow, cream, orange and rusty brown. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c.

1031. Lemon Queen. (African.) H. A. Large, showy, lemon, double-quilled African Marigold. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

1031½. African Double Mixed. H. A. An exceptionally fine, tall branching strain bearing enormous flowers of the quilled type. Pkt., 10c; 2 pkts., 15c; ¼ oz., 55c; ½ oz., 95c; oz., \$1.75.

1032. Tagetes Signata Pumila. H. A. (Border or Mexican Marigold.) A miniature Marigold, 6 to 8 inches high, completely covered with bright orange flowers. Very striking for edgings. Pkt., 10c; 2 pkts., 15c; ¼ oz., 55c; ½ oz., 95c; oz., \$1.75.



Little Giant Marigold.

1029½. Little Giants. (African.) H. A. Although the height is only ten to fifteen inches, the plant will actually produce a head of twenty to thirty-five 4-inch flowers. Note illustration. It is especially fine to grow as a pot plant. Colors range from yellow to bright orange. A small per cent of the plants will be of the tall type. These have light colored foliage and should be discarded when transplanting. Pkt., 15c; 2 pkts., 25c; ¼ oz., 75c; ½ oz., \$1.40; oz., \$2.50.

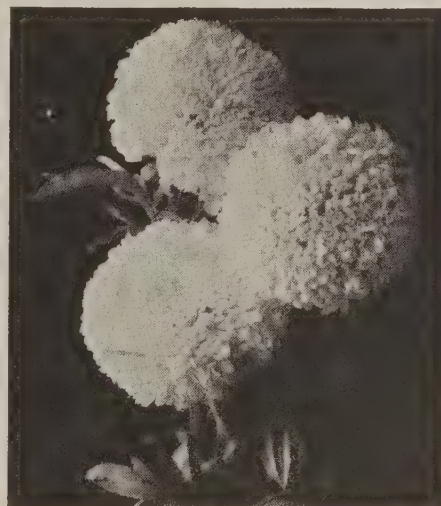
1035½. Mission Giants, Goldsmith. One of our newer Marigolds. See page 37 for description and colored illustration. Pkt., 15c; 2 pkts., 25c; ¼ oz., 70c; ½ oz., \$1.30; oz., \$2.50.

"I still think that your seed suits me better than any other after 20 years of sowing."
O. M. Miller, Indiana.

1038. Sunkist. H. A. Winner of the Silver Medal in the 1943 All-America Trials. Described and illustrated in color on page 37. Pkt., 20c; 2 pkts., 35c; ½ oz., 80c; oz., \$1.50.

1029. Dwarf Royal Scot All Double. H. A. The bushy plants, uniform in shape, grow to a height of ten to twelve inches. The flowers are rich mahogany and gold in uniform stripes and are practically 100% double; something quite new in French Marigolds. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1032½. Yellow Supreme. (African.) H. A. It is quite similar to Guinea Gold, but the flowers are slightly larger and of a creamy lemon-yellow color. The plant is 2 to 3 feet tall, and is free blooming. Flowers will keep 10 days in good condition after cutting. Pkt., 10c; 2 pkts., 15c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

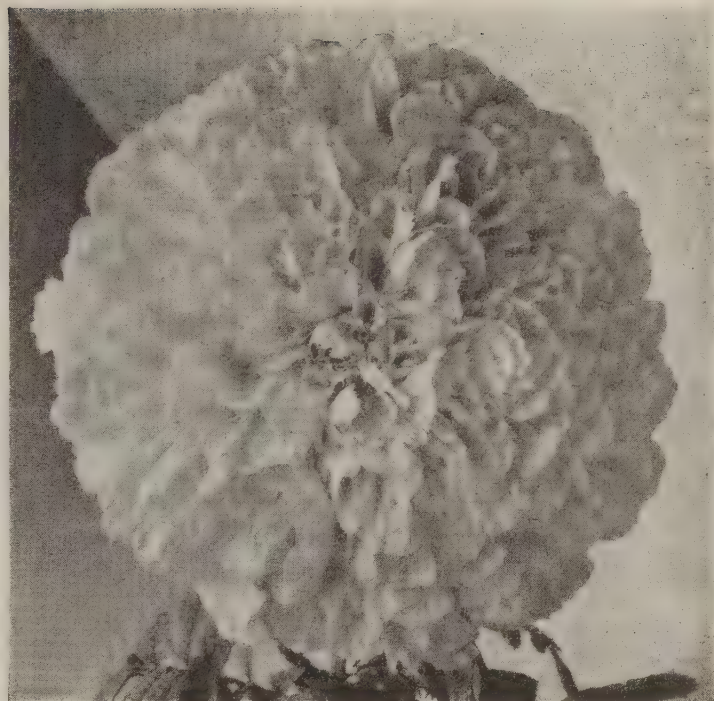


Sunrise Marigold.

1027½. Early Sunrise. H. A. Bright dazzling golden yellow. Chrysanthemum shaped flowers, 2½ inches in diameter. Free flowering on plants two feet tall. Will bloom 15 weeks after seed is sown. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.60.

1033½. Crown of Gold. H. A. This is the first Marigold with entirely odorless foliage. The golden orange chrysanthemum top flower is surrounded by a collar of big broad petals of the same color. Plants grow about two feet tall, blooming early, profusely, and continuously until frost. A very showy flower in the garden and wonderful for cutting. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1027. Harmony. H. A. (Dwarf French.) The Scabiosa-like flowers with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals are most charming. The dwarf compact plants are about one foot high. Very free blooming and extremely early. It has the characteristic Marigold odor, but this fault is more than offset by the unique beauty of the flower. Excellent for cutting. Pkt., 10c; ½ oz., 40c; oz., 60c.



Gigantea Sunset Giant Marigold.

1034½. Gigantea Sunset Giant Mixed. H. A. When it comes to size of flowers, this variety leads the list of Marigolds. Blooms actually seven to eight inches in diameter have been produced. They will average five inches across. While the flowers are huge, there is some variance in the strain coming only about 75% true. The plants will vary in height from three to six feet. The flowers are loosely formed, very full centered, with broad heavy petals gracefully overlapping to make a flower of great depth. Colors range from deep orange to light yellow. The plants have a sweet fragrance instead of the usual Marigold odor. Pkt., 10c; 2 pkts., 15c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.25.

1036. Tall French Single Ferdinand. H. A. Probably one of the gayest of all new flowers, this saucy, spicy, and colorful Harmony Type Marigold will be found extremely fine for cutting. Unlike the other Harmony Type Marigolds, Ferdinand is single flowered with a neat round crested center of dainty tubular florets of a rusty shade of golden-yellow surrounded by a single row of broad mahogany red guard petals. Flowers are 1½ to 1¾ inches in diameter and are extremely showy and attractive. The plants are tall growing, 20 to 24 inches, upright, semi-compact growth. Stems are well over a foot in length. Pkt., 5c; ½ oz., 40c; oz., 60c.

1037. Double Harmony Hybrids. H. A. Our new mixture of Double Harmony type Marigold described and shown in color on page 38. Pkt., 15c; 2 pkts., 25c; ½ oz., 60c; oz., \$1.00.



Harmony Marigold.

OLDS' NASTURTIIUMS



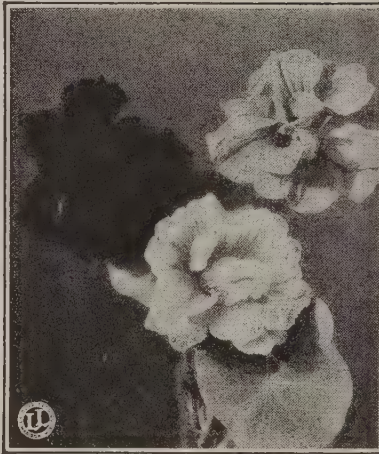
Double Dwarf Gem Nasturtium.

1053. Double Dwarf Gem Mixed. H. A. This new race of double Nasturtium will prove very popular for borders and edging. The good-sized sweet scented double flowers cover the little plants in excellent color arrangement. Plants are neat and compact. Pkt., 10c; oz., 35c; 1/4 lb., \$1.05; lb., \$3.15.



Dwarf Semi-Double Golden Globe Nasturtium.

1052. Double Gem Golden Globe. H. A. This variety is very similar to the Golden Gleam, but the plant is compact in growth. The free flowering, well formed flowers are delicately sweet scented. This variety holds its form well in rainy climates. Pkt., 10c; oz., 40c; 1/4 lb., \$1.20; lb., \$3.60.



Double Gleam Mixed Nasturtiums.

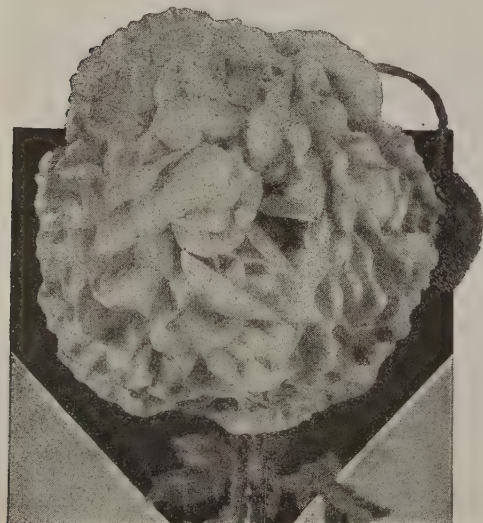
1058. Double Gleam Hybrid Mixed. H. A. This mixture contains a wide range of colors of the Gleam type semi-double mixed. The plants are half dwarf and the flowers semi-double. The bushy plants throw out runners averaging about two feet in length. As the plant nears complete development, it is a blaze of color. Under unfavorable growing conditions, these will not come 100% semi-double. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., \$2.70.

1055. Golden Gleam. H. A. The first double Nasturtium. Semi-dwarf, forming a large vigorous bush which throws out runners averaging about 24 inches in length. The flowers begin coming as soon as the plant nears complete development and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. Flowers measure 2 1/2 to 3 inches across, borne on stiff, erect stems, 6 to 8 inches in length, the flowers standing well above the foliage. Very fragrant. Pkt., 10c; oz., 35c; 1/4 lb., \$1.05; lb., \$3.15.

1056. Scarlet Gleam. H. A. Similar to our popular Golden Gleam but is a rich scarlet color. The plant is half-dwarf, bushy, with a few short runners. The blossoms are semi-double with ruffled petals. Profuse bloomer. Pkt., 10c; oz., 35c; 1/4 lb., \$1.05; lb., \$3.15.

1060. Olds' Tall Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. Olds' Tall Mixed Nasturtiums are the freest bloomers and produce the largest flowers. Keep them picked and then they will keep blossoming. Large pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.50.

1050. Olds' Dwarf Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds and for borders. Olds' Dwarf Mixed comprise a wonderful assortment of rich and varied shades. Large pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.50.



Sweet Briar Shirley Poppy.

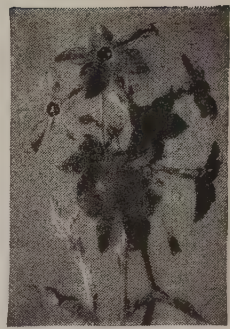
1123. Olds' New All Double Shirley Poppy. (Mixed.) H. A. Here is a strain that comes practically 100% double from seed. The wide range of colors includes scarlet, carmine, crimson, dark and light pink, salmon shades, white edged, scarlet on white grounds, pinks on white grounds. The size of the poppies is a quarter again larger than the old types of Shirley Poppies. See page 39 for complete description and colored illustration. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.

1127. American Legion. H. A. Vivid scarlet-red Shirley Poppy. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 5c; 1/2 oz., 30c; oz., 50c.

1122. Reselected Single Shirley. H. A. Silk or Ghost Poppies. Beautiful, satiny flowers on long, wiry stems. Pkt., 5c; 1/2 oz., 30c; oz., 50c.

1124. Sweet Briar. H. A. Beautiful double Begonia-shaped flowers of a delightful shade of deep rose pink. The blooms are fully double resembling a Begonia. Will make a fine cut flower when the blooms are cut in the bud. Stems are twenty-four to thirty inches long. Pkt., 10c; 1/2 oz., 50c; oz., 80c.

1035. MIGNONETTE MACHET. H. A. Dwarf Mixed. Of dwarf pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 5c; 1/2 oz., 30c; oz., 50c.



Nicotiana.

1066. NICOTIANA AFFINIS HYBRID. Mixed. H. A. (Flowering Tobacco.) Large, trumpet-shaped flowers on plants 2 feet high. Very fragrant, and easy to grow. Pkt., 10c; 1/2 oz., 70c; oz., \$1.20.

1063. NEMESIA. Finest Annual Mixed. H. A. Splendid little dwarf plants for foreground of beds and for edging borders. The orchid-like flowers measuring about 3/4 inch across are varied in color ranging from rose, yellow orange and blue. As they dislike hot weather, we suggest that you start the plants early indoors and transplant so that they will bloom before the hot dry mid-summer weather. Pkt., 15c; 2 pkts., 25c; 1/8 oz., 75c; 1/4 oz., \$1.30; 1/2 oz., \$2.40.

1069. NIEREMBERGIA. Hippomanica. T. P. One of the best blue flowers for edgings, borders, or window boxes. See page 39 for color illustration and description. Pkt., 25c; 2 pkts., 40c; 1/32 oz., \$1.25; 1/16 oz., \$2.10.

OLDS' PHLOX



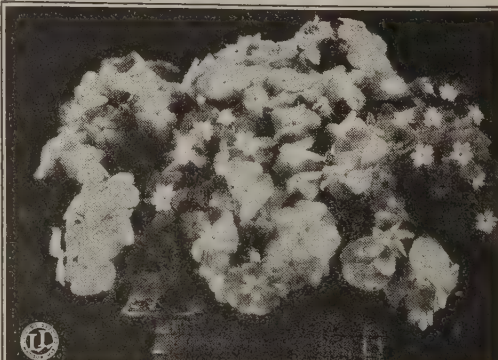
1110. Finest Annual Mixed. H. A. One of the easiest to grow of all annuals. Flowering continuously from a few weeks after seed is sown. Remove faded flowers to encourage blooming. A splendid mixture of pleasing colors and varieties. Pkt., 10c; 2 pkts., 15c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.30; oz., \$4.20.

1114. Starred and Fringed. H. A. Pretty star-like flowers of many colors, some fringed. Pkt., 10c; 2 pkts., 15c; 1/4 oz., \$1.15; 1/2 oz., \$2.00; oz., \$3.60.

1113. Gigantea Art Shades. Mixed. H. A. A new strain of Drummond's Phlox with individual florets 1 1/4 inches or more in diameter. In addition to the enormous flowers, the color range is exquisite, ranging through all the soft art shades. There is a complete absence of harsh colors in this wonderful mixture. Plants are about nine inches high. Pkt., 15c; 2 pkts., 25c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75.

1111. Gigantea Rosy Morn. H. A. A new deep pink with white eye, much like the Rosy Morn Petunia. Florets will average larger than a half dollar. Pkt., 10c; 2 pkts., 15c; 1/4 oz., \$1.25; 1/2 oz., \$2.30; oz., \$4.20.

1112. Gigantea Salmon Glory. H. A. A new pure salmon pink with a distinct creamy white eye. A very striking and beautiful combination. See page 41 for complete description. Pkt., 15c; 2 pkts., 25c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75.



Gigantea Art Shades Phlox.

OLDS' PETUNIAS

Petunias are gaining rapidly in popularity, especially among the city gardeners. They succeed with little attention, everywhere, do well under varying conditions of soil and bloom throughout the summer. They are equally attractive planted in mass plantings or in small quantities in porch boxes.



Igloo Petunia.

1096. Igloo. H. A. A new white bedding Petunia whose outstanding characteristics are its free blooming habit and its compactness in uniform growth. It will produce a wealth of bloom throughout the entire summer. The flowers are 1½ inches in size, pure white with a slight yellowing in the throat. Every plant is a perfect mound of white, ten to twelve inches high, reminding one of an Eskimo's Igloo. The most reckless and uniform blooming white Petunia so far introduced. A 1943 All-America Silver Medal winner. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.50; ½ oz., \$2.75.

1091. Yellow Dainty Lady. (Large Single Fringed.) H. A. A distinct new color in Petunias. A delicate golden yellow. Plants are neat, compact, semi-dwarf and free-flowering, bearing generous quantities of medium-sized, delicately-fringed, light golden yellow flowers throughout the summer. Excellent for bedding or window boxes. Pkt. (500 seeds), 25c; 2 pkts., 40c; 1/16 oz., \$6.00.

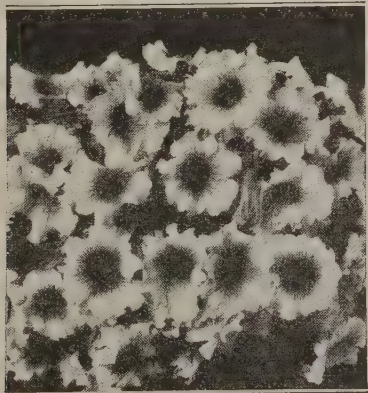
1107. Deep Blue-Purple. (Balcony.) H. A. A fine Petunia for bedding or window boxes. The color is a deep purple which blends well with red geraniums and other bedding plants. Pkt., 10c; 2 pkts., 15c; ⅛ oz., 75c; ¼ oz., \$1.30; ½ oz., \$2.40; oz., \$4.50.

1103. Rosy Morn. (Hybrida Nana Compacta.) H. A. Compact plants bearing a profusion of beautiful flowers 1½ inches in diameter with throats of silvery-white, the rest of the flower heavily flushed with soft, rosy pink. Very popular for porch boxes and bedding. Pkt., 10c; 2 pkts., 15c; ⅛ oz., 50c; ¼ oz., 85c; ½ oz., \$1.60; oz., \$3.00.

1086. Theodosia Improved. (Grandiflora Single Fringed.) H. A. A large fringed rosy pink with clearly defined golden center with minute stripes. See inside back cover for color illustration. Pkt., 25c; 2 pkts., 40c; 1/32 oz., \$1.50; 1/16 oz., \$2.75; ⅛ oz., \$5.25; ¼ oz., \$10.00.

1085. Radiance. (Hybrida.) H. A. Received a 1941 silver medal in the All-America awards. Described and illustrated in color on inside back cover. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

1094. Martha Washington. (Ruffled Nana Compacta.) H. A. The plant is about nine inches high and forms a perfect ball literally smothered with beautiful frilled blooms about three inches in diameter. A remarkable feature of this variety is its unique color, which resembles a Martha Washington pelargonium. The frilled flower is a beautiful blush pink and the center portion is strongly veined a rich wine red deepening in the throat to a dark violet. Pkt., 25c; 2 pkts., 40c; 1/32 oz., \$2.25; 1/16 oz., \$4.00.



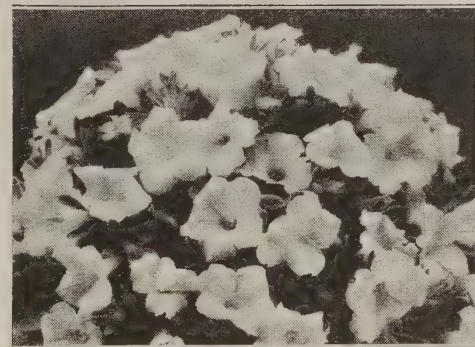
Martha Washington Petunia.



Elk's Pride Petunia.

1097. Elk's Pride. (Grandiflora.) H. A. The blooms are extra large, three and one-half to four inches across, many of which are frilled and ruffled. The true royal purple is a color that will blend well with other colors. Pkt., 20c; 2 pkts., 45c; 1/16 oz., \$5.00; ⅛ oz., \$8.00; ¼ oz., \$14.00.

1108. Blue Bedder. (Hybrida Nana Compacta.) H. A. Here is a rich true blue Petunia much needed in every planting of bedded Petunias. The blooms are extra large and hold their color and size throughout the season. Plants measure about twelve inches in height. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.10; oz., \$2.00.



Rose Gem Petunia.

1093. Rose Gem. (Miniature.) H. A. Rose Gem is a rich deep rose resembling the Rose of Heaven Petunia in color. The compact plant grows about five to six inches high and is smothered with blooms about two inches in diameter. Pkt., 15c; 2 pkts., 25c; ⅛ oz., 60c; ¼ oz., \$1.10; ½ oz., \$2.10; oz., \$4.00.

1101. Rose of Heaven. (Hybrida Nana Compacta.) H. A. Quite similar to Rosy Morn but excels it in its rich brilliant rose color without the white throat. Pkt., 10c; 2 pkts., 15c; ⅛ oz., 50c; ¼ oz., 85c; ½ oz., \$1.60; oz., \$3.00.

1087. Betsy Ross. (Ruffled Nana Compacta.) H. A. Our new white and red dwarf Petunia described and shown in color on inside back cover. Pkt., 25c; 2 pkts., 40c; 1/32 oz., \$1.50; 1/16 oz., \$2.75.

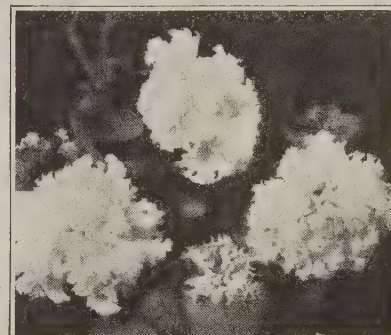
1100. Supreme California Giants Mixed. H. A. Largest and most striking strain of the ruffled giant type. Described and shown in color on inside back cover. Pkt., 25c; 2 pkts., 45c; 1/32 oz., \$2.00; 1/16 oz., \$3.80; ⅛ oz., \$7.50.

1102. Choice Mixed. (Hybrida Nana Compacta.) H. A. Will produce an abundance of small, bright flowers. This is the type to use for bedding. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 80c; oz., \$1.50.



Star of California Petunia.

1104. Star of California. (Balcony.) H. A. This is a magnificent Petunia of the balcony type. Bred with extremely long branches. The flowers are a rich velvety violet with a touch of crimson, starred with five pure white blotches. The effect in window boxes or hanging baskets is dazzling. In some localities this variety will not bloom true. However, it is well worth trying. Pkt., 10c; 2 pkts., 15c; ⅛ oz., 60c; ¼ oz., \$1.00; ½ oz., \$1.90; oz., \$3.50.



Max, Fringed, All Double Petunia.

1106. Maximum Fringed, All Double. (Victoria Strain.) H. A. Here is a Petunia that comes practically 100% double and semi-double or carnation flowered right from the seed. The flowers are of many brilliant and intermediate colors. Very large, actually measuring as much as five inches across and exquisitely ruffled and fringed. It makes a very beautiful pot plant and a showy display in the window box. Start seed in flats. Pkt., 25 seeds, 25c; 2 pkts., 40c; 100 seeds, 75c; 500 seeds, \$3.00.

1109. Blue Brocade. (Victoria, All Double.) H. A. The new blue double Petunia which received the largest number of points and a 1941 silver medal in the All-America contest. See inside back cover for color illustration and description. Pkt., 35 seeds, 35c; 2 pkts., 60c.

1092. General Dodds. (Hybrida.) H. A. The finest flaming red Petunia of the hybrida or bedding type. Unlike other red Petunias, this strain will hold its brilliant color through the hottest weather. Pkt., 15c; 2 pkts., 25c; ⅛ oz., 75c.

2-8-43

"I have had very beautiful flowers from the seeds I order from you; also very good vegetable gardens. I have won the second sweepstakes on flowers from your seeds at our County Fair and other years a good showing of ribbons."

Elizabeth S. Layton, Utah.



General Dodds Petunia.

PETUNIAS

(Continued from page 49.)



Ruffled Giant Marilyn Petunia.

1099. **Ruffled Giant Marilyn.** (Ruffled Giants.) H. A. Flowers are from four to five inches in diameter in a very luscious salmon rose strikingly veined deep salmon rose. The salmon blends to a lighter shade at the outer edges of the ruffles, and the throat at the center is also a lighter shade. Plants are free flowering while upright in habit with heavy foliage. Will begin to flower when only a few inches high and continue throughout the summer. We especially recommend this to florists. Pkt., 20c; 2 pkts., 35c; 1/32 oz., \$2.60; 1/16 oz., \$4.50; 1/8 oz., \$8.00.



Single Mixed Portulaca.

PORTULACA OR ROSE MOSS

1130. **PORTULACA.** Double Mixed. H. A. (Rose Moss.) Small, fleshy plants, producing a carpet of bloom, even in dry weather. Pkt., 10c; 2 pkts., 15c; 1/8 oz., 75c; 1/4 oz., \$1.25; 1/2 oz., \$2.30; oz., \$4.25.

1131. **PORTULACA.** Single Mixed. H. A. Even more beautiful than the double. Fine for edging or bedding and mass plantings on boulevards and terraces. Does well on poor soils. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.25.

HELIANTHUS (Sunflower)



Sunflower. Chrysanthemum Flowered.

1180. **SUNFLOWER.** H. A. Chrysanthemum Flowered. Bright yellow, double flowers, resembling chrysanthemums. Pkt., 10c; 1/2 oz., 25c.

1185. **SUNFLOWER.** H. A. Mammoth Russian. Immense plants, 12 feet high with single blossoms from 6 to 15 inches across. Seeds used for birds and poultry. Oz., 10c; 1/4 lb., 25c.

1095. **Snowball.** (Hybrida Nana Compacta.) H. A. A white Petunia, free flowering from early summer until frost. Moundlike plants are uniformly covered with blooms. Excellent for borders and edgings. Pkt., 10c; 2 pkts., 15c; 1/4 oz., \$1.10; 1/2 oz., \$2.10; oz., \$4.00.

1098. **Cream Star.** H. A. Our new cream star shape Petunia. Complete description and color illustration on page 37. Pkt., 15c; 2 pkts., 25c; 1/16 oz., 60c; 1/8 oz., \$1.00; 1/4 oz., \$1.90.

1088. **Silver Blue.** (Hybrida Nana Compacta.) H. A. The best light blue or Heavenly Blue Petunia for bedding, edgings and borders. Blooms from early summer until frost. Plants are mound shape and grow to a height of 1 foot. Pkt., 20c; 2 pkts., 35c; 1/8 oz., 90c; 1/4 oz., \$1.70; 1/2 oz., \$3.00; oz., \$5.70.

1089. **Hollywood Star.** (Hybrida.) H. A. A five-pointed star. The color is a charming shade of rich rose with an amber throat. See inside back cover for color illustration. Pkt., 20c; 2 pkts., 35c; 1/4 oz., \$1.45; 1/2 oz., \$2.65; oz., \$5.00.

RED, WHITE AND BLUE PETUNIA GARDEN

The Petunia is ideal for beds and borders as it is easy to grow and blooms profusely from early summer to frost. Collection consists of one full size pkt. each, General Dodds—red, Silver Blue—light blue, Snowball—pure white. Price: 30c, postpaid.



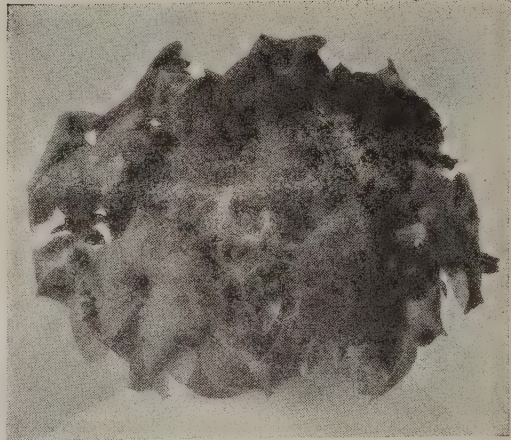
Salvia or Scarlet Sage.

1150. **SALVIA.** America. (Scarlet Sage.) H. A. This variety grows 14 to 16 inches tall and is the earliest and most continuous bloomer of all the Salvias. Very uniform in habit and growth, making it ideal for bedding. Scarlet flowers. Pkt., 25c; 2 pkts., 40c; 1/8 oz., \$1.15; 1/4 oz., \$2.00; 1/2 oz., \$3.75; oz., \$7.00.



Salvia Farinacea Blue Bedder.

can also be used by drying for winter bouquets. Grows 2 1/2 to 3 feet in height. Pkt., 15c; 2 pkts., 25c; 1/8 oz., 50c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$3.50.



Velvet Ball Petunia.

1090. **Velvet Ball.** (Grandiflora Nana Compacta.) H. A. A long season bloomer with large waxy flowers of mahogany red passing a violet hue. The plants reach a height of about eight inches with a spread of from eight to ten inches. Each plant will have a dozen or more flowers in bloom at a time and the flowers will average approximately 2 1/2 inches in diameter. Trials show it to come 94 per cent true from seed. For a pot plant, border or edging plant, Velvet Ball has no equal. It received an award of merit in the 1939 All-America contest. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$2.70; 1/8 oz., \$5.00; 1/4 oz., \$9.00.



1160. **SCHIZANTHUS.** Wisetonensis. H. A. Mixed. (Butterfly-Flower.) One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many-colored flowers that the foliage is almost concealed. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.

39. **SCARLET RUNNER BEAN.** H. A. A quick, vigorous growing climber producing bright scarlet flowers. Beans are edible. Pkt., 10c; 2 pkts., 15c.

OLDS' ANNUAL FLOWER GARDEN

12 PKTS. FOR 50c, POSTPAID

This collection is composed of a full-sized packet of each of the following easily grown and free flowering annuals. Will furnish flowers from early summer until frost.

Alyssum, Little Gem.
Snapdragon, Giant Fragrant.
Bachelor's-Button, Mixed.
Balsam, Olds' Camellia Mixed.
Calendula, Double Mixed.
Scabiosa, Double Mixed.
Celosia, Ostrich Plume.
Cosmos, Extra Early Colossal Mixed.
Nasturtium, Double Gleam Mixed.
Four o'clock, Fine Mixed.
Marigold, Mixed Dwarf French.
Zinnia, Dahlia Flowered Mixed.



Blue Cockade Scabiosa.

OLDS' SCABIOSAS

1157. **Blue Cockade.** H. A. This new variety of Scabiosa is a pure azure-blue in color. Blooms are rich and conical in shape, supported on long, wiry stems. A wonderful flower for cutting as well as bedding. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 80c.

1155. **Double Mixed.** H. A. Tall Flowering. (Pincushion.) A variety of soft colors and shades. Easy to grow. Makes beautiful bouquets. Lasts for days when cut. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1158. **Rosette.** H. A. A beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. See page 37. Pkt., 15c; 2 pkts., 25c; ½ oz., 85c; oz., \$1.50.

1153. **Ageratum Blue.** H. A. New blue Scabiosa. Longer stems and larger flowers than the old type. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 80c.

1154. **Loveliness.** H. A. Salmon-rose shades of the new improved strain of Scabiosas. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1159. **Salmon Beauty.** H. A. A new pure salmon. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1162. **Fire King.** H. A. The best fiery scarlet. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 80c.

1163. **King of Blacks.** H. A. Rich reddish black. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 80c.

Olds' Scabiosa Collection

Scabiosas make excellent bouquets that last for days. This Collection will furnish a beautiful selection for cutting. Each collection consists of 1 pkt. each of the following: Rosette, Ageratum Blue, Loveliness, Salmon Beauty, Fire King and King of Blacks. Price: All six pkts. for only 35c, postpaid.



Large Flowering Dwarf Ten Weeks' Stock.



Ricinus (Castor Bean).

OLDS' SNAPDRAGONS

840. **Dwarf Mixed.** Rust-Proof. (Nanum Maximum.) H. A. Snapdragons were a feature of the old-fashioned garden. Then for a time they were neglected until, when the improved new varieties appeared, they suddenly became popular again. The brilliant blossoms remain through the summer and fall. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.

841. **Giant Fragrant.** Mixed. Rust-Proof. H. A. (Maximum.) Grows 3 feet tall with long stalks of large flowers, two to three inches across. Our strain is the largest of all. Pkt., 10c; 2 pkts., 15c; ¼ oz., 85c; ½ oz., \$1.65; oz., \$3.00.

839. **Rosalie.** (Majus Grandiflorum.) Rust-Proof. H. A. A new shade of rich deep rose. See page 30 for description and color illustration. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.00; ½ oz., \$1.90; oz., \$3.50.

842. **Mr. L. L. Olds.** (Majus Grandiflora.) Rust-Proof. H. A. Huge yellow florets spaced on long strong stems. Pkt., 10c; 2 pkts., 15c; ¼ oz., 85c; ½ oz., \$1.65; oz., \$3.00.

834. **Harmony.** (Majus Grandiflorum.) Rust-Proof. H. A. Beautiful terra cotta and yellow, shaded rose. Height, 2½ feet. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.00; ½ oz., \$1.90; oz., \$3.50.

835. **Shasta.** (Majus Grandiflorum.) Rust-Proof. H. A. Pure white Snapdragon. 2½ feet in height. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.00; ½ oz., \$1.90; oz., \$3.50.

836. **Pinkie.** (Majus Grandiflorum.) Rust-Proof. H. A. A rich clear pink. Height 2½ feet. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.00; ½ oz., \$1.90; oz., \$3.50.

837. **Torchlight.** (Majus Grandiflorum.) Rust-Proof. H. A. Garnet suffused orange, bright yellow lip. Height 2½ feet. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.00; ½ oz., \$1.90; oz., \$3.50.

838. **Wallflower Red.** (Majus Grandiflorum.) Rust-Proof. H. A. Pure wallflower red. Height 2½ feet. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.00; ½ oz., \$1.90; oz., \$3.50.

Olds' Snapdragon Collection

Each collection consists of one full-sized packet of the following: Harmony, Terra Cotta and yellow shaded rose; Pinkie, clear pink; Shasta, white; Torchlight, garnet suffused orange, yellow lip; Wallflower Red, pure Wallflower red; L. L. Olds, yellow. No finer collection of Snapdragons could be desired by any gardener. The price is only 40c postpaid for all six packets.

1172. **STOCKS.** H. A. Large Flowering Dwarf Ten Weeks. (Mixed.) The flowers appear on long, stiff stalks like small rosettes. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c; 2 pkts., 15c; ¼ oz., 70c; ½ oz., \$1.25; oz., \$2.00.



Mixed Salpiglossis.

1140. **RICINUS ZANZIBARIENSIS.** H. A. (Castor Bean.) Stately, ornamental plants 8 to 10 feet tall, with picturesque foliage, giving a tropical effect. Pkt., 5c; ½ oz., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.35.

1145. **SALPIGLOSSIS.** H. A. Emperor Mixed. (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Keeps fresh in water a long time. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

1146. **SALPIGLOSSIS.** Primrose. H. A. Salpiglossis was judged the most popular flower in the Horticulture Garden at the Century of Progress in 1934 at Chicago. An old-fashioned flower and one of the best for cutting. We think Primrose is one of the finest varieties. The blooms are large and bell shaped with a throat of true orange shading to golden yellow on the flare part of the bloom. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

1147. **SALPIGLOSSIS.** Purple and Gold. H. A. This new Salpiglossis has a very beautiful and striking combination of colors. The large trumpet-shaped blooms are of a velvety shade of Elk's purple veined with rich deep gold. Must be seen to be appreciated. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.

1301. **TORENIA.** (Wishbone Flower) Four-nieri. H. A. One of the finest flowers for growing in hot, dry climates. The bush is about 10 inches high, completely covered with lovely richly colored Snapdragon-like flowers of delightful sky-blue with a dash of gold on the lips. It is excellent for rock gardens, pots, and hanging baskets as it does very well in partial shade. Pkt., 25c; 2 pkts., 40c.

1302. **THUNBERGIA.** Alota. H. A. Black-Eyed Susan. A well-known trailing plant for training on stumps and fences. The leaves are heart shaped and the flowers creamy orange color with throat and eyes of dark blue or black. Blooms in mid-summer. Suitable for window boxes. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50.



University of California Snapdragons.

844. **University of California.** Mixed. (Rust-Proof.) H. A. In the last few years many flower growers and gardeners had to give up the growing of Antirrhinums (Snapdragons) due to the severe damages caused by rust. The University of California was very active in producing a strain of rust-proof Antirrhinum and this new mixture has been named after that university. In trials over 75% of the plants were rust-proof. The University of California Mixture contains practically all the colors to be found in Snapdragons and we are very proud to offer this most excellent mixture of rust-proof Snapdragons to our customers. Pkt., 10c; 2 pkts., 15c; ¼ oz., 75c; ½ oz., \$1.40; oz., \$2.50.

OLDS' SWEET PEAS

SPENCER SWEET PEAS

1211. **Ambition.** Rosy lavender. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1212. **Kames.** We consider this the very best white. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1213. **Welcome.** A rich dazzling scarlet. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1214. **Capri.** Clear silver blue. Excellent. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1215. **Elstree.** Bright pink on cream background. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1216. **Matchless.** Cream yellow. Large flowers. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1217. **Floradale.** Rich salmon pink on cream background. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1218. **Royal Purple.** Large, waxy flowers of a rich royal purple. The best purple. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1219. **Warrior.** Rich chocolate maroon. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1220. **Youth.** White, edged in a beautiful way with a delicate, soft rose pink. An unusually large and fragrant sweet pea. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

1235. **Life.** New cerise scarlet. Touch of salmon. Excellent. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.

RED, WHITE AND BLUE SWEET PEA GARDEN

Sweet Pea lovers will find this a fine selection for a patriotic garden. One full size pkt. of each. Jumbo—large red. Kames—pure white, Capri—silver blue. Price: 20c, postpaid.

1308. **VENIDIUM Fastuosum.** (Monarch of the Veldt.) H. A. The plant of a silky gray color, grows about 3 feet tall; flowers are rich orange, daisy-like and about 4 inches in diameter with a purple-black zone at the base of the petals. The flowers are borne on long stiff stems which will keep for weeks in bouquets. Will make a very showy display late in the summer. Plant early in a sunny, well-drained location. Pkt., 15c; 2 pkts., 25c; ½ oz., 80c; ¼ oz., \$1.50; ½ oz., \$2.75; oz., \$5.00.

OLDS' VERBENAS

1305. **Olds' Finest Mixed.** H. A. A favorite old flower. Clusters of many bright colors borne from June until heavy frosts. Pkt., 10c; 2 pkts., 15c; ¼ oz., 55c; ½ oz., 95c; oz., \$1.75.

1306. **Olds' Mammoth Golden Queen.** H. A. (Hybrid Grandiflora.) The Mammoth Golden Queen Verbena is a very clear golden yellow and a decided novelty as far as color goes. The flowers are of medium size, borne on a vigorous vine that is of an everbearing nature and a deep clear yellow in color. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 80c; oz., \$1.50.

1306½. **Brightness.** H. A. Our new brilliant colored Verbena. See page 41 for color illustration and complete description. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

1307. **Beauty of Oxford Hybrids.** (Hybrid Grandiflora.) H. A. A beautiful giant hybrid Verbena. The color shades from clear rose pink to rose red, making this the brightest rose Verbena ever produced from seed. The florets are exceptionally large, measuring over an inch in diameter. The foliage is a beautiful cress green. Until the introduction of this variety it was practically impossible to produce this color from seed.

This Verbena is of the grandiflora type. It is a new strain of robust compact habit and is free flowering. The trusses and florets are immense. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

1304. **Royal Bouquet Mixed.** H. A. A new upright type of Verbena coming in many brilliant colors. Plants are base branching, producing large flowers on stiff strong stems fifteen to eighteen inches long. Ideal for both bedding and cutting. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.00; ½ oz., \$1.90; oz., \$3.50.

1200. **Olds' Prize Mixed Grandiflora.** We believe this is the best possible mixture of the old-fashioned sweet scented or grandiflora sweet peas. Many named varieties mixed. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 55c; lb., \$1.60.

1201. **Sunrise Mixed.** (Early-flowering Spencers.) Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers large, frilled and fragrant. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

1203. **Olds' Giant Spencers. Mixed.** A long stem, well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 55c; lb., \$1.60.

1204. **Shirley Temple.** (Early Spencer.) Colossal blooms of soft rose-pink, beautiful beyond description, produced on strong, vigorous plants. Stems are long, containing four very large blooms. Will begin flowering a month earlier than the late Spencers and will continue to bloom along through with the late varieties. Named with permission after Shirley Temple. Pkt., 10c; 2 pkts., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

SWEET PEA COLLECTION

This collection consists of one pkt. each of the following named varieties: Ambition, Kames, Welcome, Elstree, Matchless, Floradale, Royal Purple, Warrior, Shirley Temple, Youth, Life and Jumbo. All twelve pkts. for only 55c postpaid.

1310. VINCA. Mixed.

T. P. (Old Maid.) A very pretty plant growing about 15 inches in height. Comes from the Island of Madagascar. It forms a very attractive, bushy plant with an abundance of dark, glossy, green foliage and bears a profusion of flowers at the axils of the leaves. The flowers are single, averaging 1½ inches across. It should be treated as an annual. Blooms during the late summer in August from early-sown seed. A fine feature of this plant is that it is entirely free from the attacks of insects and can be taken up before frost, potted and put inside where it will continue to bloom during the winter. Pkt., 10c; 2 pkts., 15c; ¼ oz., 90c; ½ oz., \$1.70.

Vinca.

1315. **WALLFLOWER.** H. H. P. Early Flowering. Mixed. Half hardy perennials which are treated here in the North as annuals, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. They are easily grown and last well as cut flowers. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 80c.

1351. AMAZEMENT FLOWER GARDEN.

This mixture is made up of many attractive and easily grown annuals. Will please you with a succession of bloom from early spring until late fall. Extra large pkt. 5c; ½ oz., 10c; oz., 15c; ¼ lb. 50c.



Jumbo Sweet Pea.

1237. **Jumbo.** The name describes the variety. Jumbo is probably the world's largest Sweet Pea. We believe it to be the largest Sweet Pea grown today. Color lively deep cerise. We emphatically recommend this variety. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c.



1303. **CHINESE WOOLFLOWER.** (Celosia Childsii.) H. A. A new variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.75.



Royal Bouquet Verbenas.



Vinca.

1315. **WALLFLOWER.** H. H. P. Early Flowering. Mixed. Half hardy perennials which are treated here in the North as annuals, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. They are easily grown and last well as cut flowers. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 80c.



Beauty of Oxford Hybrid Verbena.

OLDS' ZINNIAS

The Zinnia is the most popular annual grown today. It has few enemies, insects or fungus and will succeed on any type of soil regardless of weather conditions.

1334. Elegans Mixed. (Pumila Dwarf, Double.) (Cut and Come Again.) H. A. This class of Zinnia has medium sized double flowers with long stems which make it especially fine for cut flowers. See illustration of small types of Zinnias. As the name implies, it is the Cut and Come Again type. Especially fine for massing in the garden as it produces a continuous succession of cut flowers throughout the summer. Height 2½ to 3 feet. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.



Fantasy Zinnias.

1337. Fantasy Mixed. H. A. Zinnias today are probably the most popular flower in the home garden and this new type will be a welcome addition to the list. In late years the more graceful small flowered types have been the most popular. This New Fantasy Mixture meets this demand in all details. The rounded flowers are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized double flowers. They are large enough to satisfy the desire for a mass of color yet small enough to lend themselves to graceful arrangement. The colors range from the brightest shades of red and orange to the popular pastel pinks and creams. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1332. Fantasy Wildfire. H. A. This is our new bright red Zinnia of the Fantasy type. We predict it will become very popular. See page 39 for complete description and colored illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 85c; oz., \$1.50.

1348. Fantasy Melody. H. A. Our new Fantasy Type Zinnia in an unusually new shade. A striking and distinct vivid lavender. See page 37 for color illustration and description. Pkt., 15c; 2 pkts., 25c; ½ oz., 80c; 1 oz., \$1.50.

1333. Linearis, Orange. H. A. This new little dwarf Zinnia, much resembles a tiny Daisy. See page 41 for color illustration. Pkt., 15c; 2 pkts., 25c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.00.



Scabiosa Flowered Zinnias.

1338. Scabiosa Flowered Mixed. H. A. This new Zinnia produces medium-sized flowers resembling the annual Scabiosa from which they derive their name. The free-flowing plants grow 2½ to 3 feet high, blooming throughout the season. While the color range includes all the popular shades, it is particularly rich in shades of crimson, scarlet, orange, yellow and pink. A small percentage will bloom single flowered. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

OLDS' FALL CATALOG

Our Fall Bulb Book of Tulips, Lilies, Narcissus, Peonies and other items for fall planting is ready about Aug. 15th and a copy is sent to all who order from this book. If you do not send us an order and are interested in items for fall planting, write for your free copy.

1328. Striata. The Clown. H. A. Our striped scarlet and gold Zinnia. See page 37 for color illustration and description. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c.

1347. Cupid, Tiny Tim. H. A. An improved red riding-hood. Plants one foot tall with many slender branches each bearing a double brilliant scarlet flower about one inch in diameter. Fine for borders as well as cutting. Blooms from summer to frost. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1330. Lilliput or Pompon, Mixed. H. A. The plants are small, forming little bushes which fairly bristle with very double bright flowers, only one to two inches in diameter. Average height, about 12 inches. Will bloom all summer and late in the fall. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.

1349. Lilliput, Dainty Gem. H. A. This is the first named variety of the Lilliput Type Zinnia for us to offer. A fascinating bicolor red and pink on long wiry stems. See page 37 for color illustration and complete description. Pkt., 20c; 2 pkts., 35c; ½ oz., \$1.15; 1 oz., \$2.00.

1335. California Giant Flowered Mixed. H. A. A mixture of named California Giant Zinnias, all large, strong-growing and of brilliant color. These grow 3 feet tall, with flowers of enormous size. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.



Gold Medal Dahlia Flowered Zinnias.

1336. Dahlia Flowered, Mixed. H. A. A new type of Zinnia characterized by large size fullness of petal, extraordinary color range and good keeping quality. Resembles dahlias in size and appearance. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

DAHLIA FLOWERED ZINNIAS IN SEPARATE COLORS.

1329. Scarlet Flame. H. A. A magnificent variety with deep scarlet flowers blending into orange. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1331. Crimson Monarch. H. A. This truly remarkable deep red Zinnia has proven very popular. Has enormous flowers, often 8 inches across, of the brightest crimson scarlet. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1345. Canary Bird. H. A. Rich canary yellow. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.25.

1346. Exquisite. H. A. Light rose with deep rose center. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.25.

1340. Old Gold. H. A. Deep and lighter shades of Old Gold. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.25.

1341. Polar Bear. H. A. Large creamy white. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.25.

1342. Purple Prince. H. A. Rich purple. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.25.

1343. Oriole. H. A. Orange and gold bi-color. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c; oz., \$1.25.

DAHLIA FLOWERED ZINNIA COLLECTION

This beautiful collection of Giant Dahlia-Flowered Zinnias contains 1 full size package of each of the following gorgeous zinnias. Special price, 30c.

CRIMSON MONARCH—Brightest crimson scarlet.

CANARY BIRD—Rich canary yellow.

EXQUISITE—Light rose with deep rose center.

OLD GOLD—Deep and lighter shades of old gold.

POLAR BEAR—Large creamy white.

PURPLE PRINCE—Rich purple.

ORIOLE—Orange and gold bi-color.



1339. Haageana Mixed. H. A. This is a small flowering Mexican Zinnia which has a charm all its own. Note above photo. The small flower is excellent for bedding and will make a brilliant display although the stems are long enough for fine bouquets for vases and bowls. The color range in our mixture is very attractive. Pkt., 15c; 2 pkts., 25c; ¼ oz., 55c; ½ oz., 95c; oz., \$1.80.



Pompon or Lilliput Zinnias.



Cupid Zinnia Tiny Tim.

PERENNIAL FLOWER SEEDS

824. **ANEMONE CORONARIA.** St. Brigid's. Double Mixed. H. P. One of the most beautiful flowering perennials. Double poppy like flowers on 12-inch plants. This strain has a wonderful array of color. Combinations of red, blue and white. Seeds germinate slowly. Pkt., 15c; 2 pkts., 25c.

833. **ALYSSUM, SWEET.** (Gold Dust.) H. P. (Compactum Saxatile.) A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c.

847. **BAPTISA AUSTRALIS.** Blue. H. P. Beautiful blue Lupine-like flowers on three to four feet high, spreading, bushy plants. Leaves bluish green. Flowers in June and July. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 70c.

862. **BEGONIA.** T. P. Single Mixed. The well-known perpetual blooming house plant. Easily grown from seed. Pkt., 15c; 2 pkts., 25c.

940. **BELLIS MONSTROSEM.** Double Finest Mixed Daisy. H. P. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c; 1/2 oz., 60c.

895. **CANTERBURY BELLS.** Campanula Medium. H. B. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 60c; oz., \$1.00.

896. **CANTERBURY BELLS.** (Campanula Medium Calycanthema.) H. B. Cup and Saucer. This is a very interesting species of Canterbury Bell, the calyx forming a saucer around the base of the cup-like bell. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 60c; 1/2 oz., \$1.10; oz., \$2.00.

933. **CYCLAMEN.** T. P. Giant Flowered. A charming house plant with rich-colored flowers, whose beauty of form is enhanced by the reversed petals. Difficult to grow from seed, requiring eighteen months from seed to flowering size plants. Pkt. (35 seeds), 50c; 2 pkts., 80c.



Mayfield Giant Coreopsis.

877. **COREOPSIS.** H. P. Lanceolata. One of the finest hardy perennials. Yellow, daisy-like flowers in great profusion. Pkt., 10c; 1/2 oz., 35c; oz., 60c.

987. **GERANIUM.** T. P. Mixed. Blooming plants can be grown from seed the first year. Pkt., 15c; 2 pkts., 25c; 1/8 oz., 70c; 1/4 oz., \$1.25; 1/2 oz., \$2.20; oz., \$4.00.

957. **DIANTHUS PLUMARIUS.** Clove Pink Mixed. H. P. A beautiful hardy perennial single pink with fringed edge flowers in various colors. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 65c; 1/2 oz., \$1.10; oz., \$2.00.

GARDEN KING PLANT MARKER

Mark your plants the modern way with the Garden King Plant Marker. Waterproof, dirt-proof, garden green marker that blends right into the foliage. Treated with preservative which protects against decay. Undercut groove contains white chemically treated name card, covered by a dirtproof transparent window. Just use ordinary pencil and name will remain for years. Price: 12-inch stakes, 35c dozen; \$2.40 per 100, postpaid.



Garden King Plant Marker.

Perennial flower seeds may be planted throughout the summer but the very best time, we would say, is just the time when the particular plant in question naturally ripens its seed. Planting instructions on the back of each pkt. Keep this seed book. You may want to order some of these seeds for summer planting.



Aquilegia.



Digitalis.

845. **AQUILEGIA.** (Mrs. Scott Elliott's long spurred strain.) H. P. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers. Pkt., 10c; 2 pkts., 15c; 1/8 oz., 60c; 1/4 oz., \$1.00; 1/2 oz., \$1.85; oz., \$3.50.

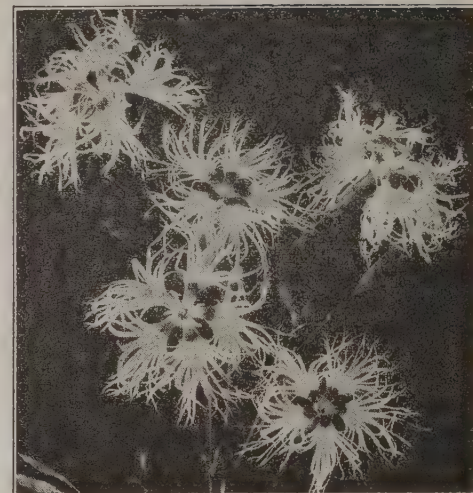
958. **DIGITALIS.** H. B. (Foxglove.) Giant Shirley Mixed. Handsome spires of blossoms 3 to 4 feet tall giving a wealth of flowers during June and July. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 80c; oz., \$1.50.



Dianthus Barbatus (Sweet William.)

1300. **DIANTHUS BARBATUS.** Sweet William. H. P. Mixed. The plants grow 18 to 24 inches high. They make excellent border plants and are also fine for bouquets. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 70c; oz., \$1.20.

946. **SHASTA DAISY.** New Double (Chrysanthemum Leucanthemum.) H. P. This strain includes an assortment of various types of double flowers ranging from fully double-fringed petals through semi-double to a type which, though single, forms an unusually beautiful shaped flower with laciniated colored and quilled petals. The large flowers are carried on long, wiry stems. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.00; 1/8 oz., \$1.75.

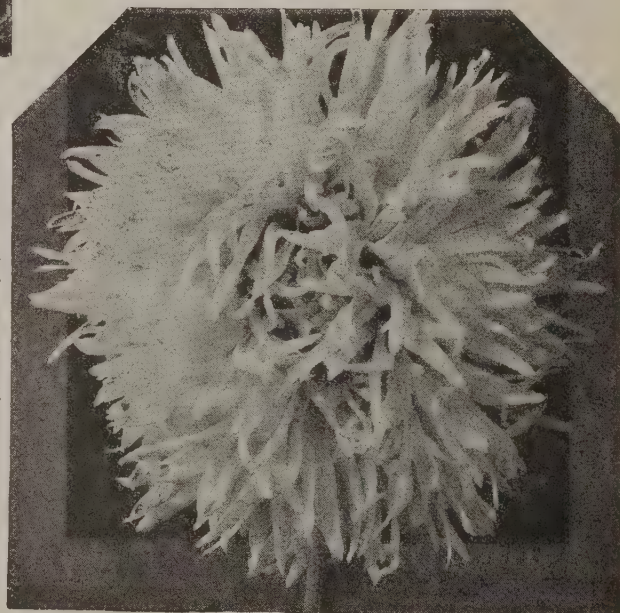


Dianthus Loveliness.

955. **DIANTHUS SUPERBA.** Loveliness. H. P. The flowers have lacerated petals of an exquisite mauve tinge and the plants grow to about one foot in height. It is very highly perfumed and we advise our customers to plant this beautiful little flower in the garden if for no other reason than its fragrance. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.30.



944. **SHASTA DAISY.** Chrysanthemum Leucanthemum. H. P. (Giant Alaska.) A splendid, hardy perennial producing on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 70c; oz., \$1.25.



Double Shasta Daisy.

Perennial
and
Native
Wild
Plants
See pages
33, 34
and
36.



Pacific Giant Delphiniums.

OLDS' DELPHINIUMS

1019½. **PACIFIC GIANTS.** H. P. Mixed. Here is a remarkably new strain of Delphinium developed on the Pacific Coast. Flowers are extremely large and well formed, 2½ to 3½ inches in diameter, symmetrically spaced and well balanced on a thin woody stem, practically 100 per cent double. This strain, although probably being the largest strain of Delphinium so far introduced, is also practically mildew resistant. The seed we offer includes many shades of colors including dark blue, violet, lavender, light blue, and white. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.25; oz., \$6.00.

PACIFIC GIANT DELPHINIUMS IN SEPARATE COLORS

1009. **BLACK KNIGHT SERIES.** H. P. The darkest of all the Pacific Giant Delphiniums. Individual flowers 2½ inches to 3 inches in diameter. A beautiful round form with heavy velvety texture which gives the color luminosity and vividness not seen before in Delphiniums. Long well formed spikes. Pkt., 25c; 2 pkts., 45c; ¼ oz., \$1.75; ½ oz., \$2.90; ¾ oz., \$5.60.

1011. **BLUE JAY SERIES.** H. P. This is a true-blue color so appreciated in flowers. Clear medium to dark blue, very intense and alive with dark contrasting bee. Pkt., 25c; 2 pkts., 45c; ¼ oz., \$1.75; ½ oz., \$2.90; ¾ oz., \$5.60.

1021. **GALAHAD SERIES.** H. P. Clear white of enormous size averaging 3 inches in diameter of individual flowers with very heavy, glistening texture pyramidal spikes with well spaced flowers. Pkt., 25c; 2 pkts., 45c; ¼ oz., \$1.75; ½ oz., \$3.00; ¾ oz., \$5.85.

1022. **GUINEVERE SERIES.** H. P. Light pink-lavender self with white bee. Individual flowers 2½ inches to 3 inches in diameter. Pkt., 25c; 2 pkts., 45c; ¼ oz., \$1.75; ½ oz., \$2.90; ¾ oz., \$5.60.

1024½. **SUMMER SKIES SERIES.** H. P. Clear light blue with white bee. Individual florets 2 to 2½ inches in diameter. Ideal for cut flower purposes. Pkt., 25c; 2 pkts., 45c; ¼ oz., \$1.75; ½ oz., \$2.90; ¾ oz., \$5.60.



Hardy Gaillardia Grandiflora.

OLDS' GAILLARDIA

982. **BURGUNDY.** H. P. New, shining wine red Gaillardia. Highly recommended. Pkt., 15c; 2 pkts., 25c; ¼ oz., 80c; ½ oz., \$1.50; oz., \$2.70.

986. **MIXED GRANDIFLORA.** (Blanket Flower.) H. P. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Grows about 2 feet tall. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 75c; oz., \$1.35.

983. **TANGERINE.** H. P. A new variety of Gaillardia, very striking. The color is rich tangerine or orange red. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.80.

984. **DAZZLER.** H. P. An exceptionally large, dark red with the petal tips of bright orange. The best giant red offered today. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.80.



Olds' Hollyhock Strain Delphinium.

1019. **DELPHINIUM.** H. P. Hollyhock Strain Mixed. One of the finest of all types of Delphiniums. The mixture contains all of the colors in Delphiniums including both double and single flowering varieties. Individual blooms have actually measured three inches across. Plants are from 5 to 6 feet tall. Planted this summer they should bloom next year and every year thereafter. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.00; ½ oz., \$1.75; ¾ oz., \$3.25; oz., \$6.00.

1017. **DELPHINIUM.** H. P. Belladonna. Spires of finest sky blue. This hybrid strain is of wonderful beauty; growing to 6 feet in height. Pkt., 10c; 2 pkts., 15c; ¼ oz., 75c; ½ oz., \$1.25; ¾ oz., \$2.00; oz., \$3.80.



Gypsophila (Baby's Breath).

993. **GYPHOPHILA PANICULATA ALBA.** H. P. (Baby's Breath.) Single Perennial. The flowers are small, star-like, and borne in feathery sprays. May be used for winter also. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 50c.

992. **GYPHOPHILA OLDHAMIANA.** H. P. (Pink Baby's Breath.) A new pink variety growing about three feet high. The fragrant pink flowers are about one-fourth inch in diameter. Pkt., 10c; 2 pkts., 15c; ¼ oz., 80c; ½ oz., \$1.40; oz., \$2.60.

1006. **HOLLYHOCK.** H. B. Triumph Mixed. A wonderful variety and a great improvement over the older types. Very large flowers with beautifully curled and fringed white margined petals, each adorned with a large blotch of various shades of red. Pkt., 10c; 2 pkts., 15c; ¼ oz., 70c; ½ oz., \$1.20; oz., \$2.25.

1005. **HOLLYHOCK.** H. B. Chater's Double Mixed. Stately stalks of velvet bloom. Giant double flowers of red and pink and white. Pkt., 10c; 2 pkts., 15c; ¼ oz., 70c; ½ oz., \$1.20; oz., \$2.25.

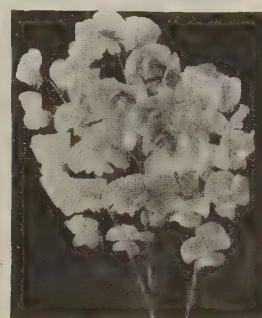


Heuchera (Coral Bells).

998. **HEUCHERA.** Splendens. (Coral Bells.) H. P. From the mound of heart-shaped leaves, tall graceful spikes appear bearing pink flowers in clusters. Excellent for front row of borders and rockeries. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$2.00; ¼ oz., \$3.75.

1115. **PHLOX.** Decussata Mixed. H. P. Seed from the newest varieties of perennial phlox. Plant in August. Seed will not usually sprout until spring. Pkt., 15c; 2 pkts., 25c; ¼ oz., 85c.

1020. **LATHYRUS LATIFOLUS.** (Perennial Sweet Pea.) Mixed. H. P. Similar to the annual kind but continuing year after year. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.



Lathyrus Latifolus.



Hibiscus.

1002. **HIBISCUS OR MALLOW MARVELS.** Mixed. H. P. (Peach Blow.) Beautiful large single flowers 3 to 5 inches across on plants 4 to 5 feet high. Well-established plants bloom in August and September when few perennials are in bloom. Sow seed in flats about the last of April to early July. Transplant in September to permanent location. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.80.



Red Oriental Poppy.

1128 1/2. **POPPY. Red Oriental.** H. P. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. They transplant best in August. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 75c; 1/2 oz., \$1.35; oz., \$2.50.

1128. **POPPY. Iceland Mixed.** H. P. Hardy perennials blooming the first season. Bright, fern-like, evergreen foliage. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 90c; 1/2 oz., \$1.60; oz., \$3.00.

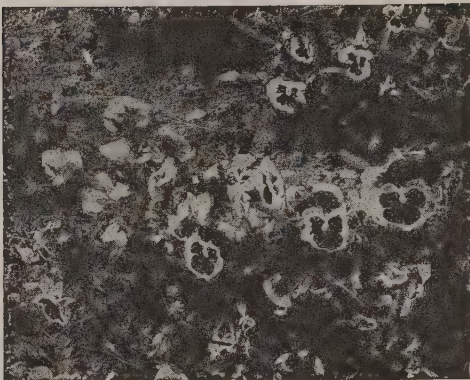
1129. **POPPY ICELAND. Gartford Giant Art Shades.** H. P. Our new strain of Iceland Poppy, containing many attractive new shades of this beautiful flower. Excellent for cut flowers with their long, wiry stems measuring up to thirty inches in length. Described and illustrated in color on page 38. Pkt., 20c; 2 pkts., 35c; 1/4 oz., \$1.00; 1/2 oz., \$1.90.



Pyrethrum, Roseum.

945. **PYRETHRUM. Roseum.** H. P. (Painted Daisy.) A valuable early summer flower. Charming shades of pink and red daisy-shaped flowers blooming freely in May and June, often blooming again in the fall. Pkt., 20c; 2 pkts., 35c.

OLDS' PANSIES



Olds' Prize Mixed Swiss Giant Pansies.

1075. **Olds' Giant Prize Mixed Swiss Giants.** P. Enormous blossoms 3 inches and over in diameter. Perfectly round without overlapping petals borne on long stems above the foliage. Petals are thick and a rich velvety texture. Colors are pink, red, blue and salmon, in beautiful combinations. Pkt., 25c; 2 pkts., 45c; 1/16 oz., 85c; 1/8 oz., \$1.50; 1/4 oz., \$2.85; 1/2 oz., \$5.25; oz., \$10.00.

1079. **Giant Trimardeau Mixed.** P. A choice strain of Pansy. Very large flowers. Does not have the color range of the Olds' Giant Prize Mixed. Pkt., 20c; 2 pkts., 35c; 1/16 oz., 65c; 1/8 oz., \$1.20; 1/4 oz., \$2.20.

1076. **Engelmann's Giants.** H. H. P. This strain of Pansy has won many outstanding awards. Color blends are unusually striking. See page 38 for color illustration and complete description. Pkt., 30c; 2 pkts., 50c; 1/16 oz., \$1.25; 1/8 oz., \$2.00; 1/4 oz., \$3.50.

1156. **SCABIOSA CAUCASICA HYBRID.** H. P. Mixed. (Blue Bonnet.) A perennial Scabiosa and a great improvement over the older types. See page 39 for complete description and color illustration. Pkt., 20c; 2 pkts., 35c; 1/8 oz., 55c; 1/4 oz., 90c; 1/2 oz., \$1.65; oz., \$3.00.

966 1/2. **STATICE.** H. P. Latifolia. Thick branching plumes of deep blue flowers resembling Baby's Breath. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 65c; 1/2 oz., \$1.10; oz., \$2.00.

OLDS' VIOLAS

While the Viola Cornutas are biennials they can be grown as annuals by planting in March or April. Very popular because of their free flowering habits and their dwarf spreading growth which make them ideal for front row planting in the border or for small beds.

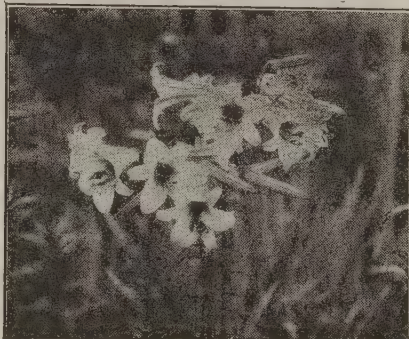


Violas.

1314. **Jersey Gem.** H. B. Flowers are rich pure violet, large and fragrant. Probably the most free flowering of all varieties. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.95.

1313. **Lutea.** H. B. Bright clear yellow on plants about eight inches in height. Pkt., 10c; 2 pkts., 15c; 1/16 oz., 65c; 1/8 oz., \$1.15; 1/4 oz., \$2.00.

1312. **Chantreyland.** H. B. The best free flowering apricot. Pkt., 15c; 2 pkts., 25c; 1/16 oz., 90c; 1/8 oz., \$1.65; 1/4 oz., \$3.00.



Regale Lilies.

TUBEROUS ROOTED BEGONIAS

The Tuberous Rooted Begonias are becoming very popular. They do exceptionally well planted in the deep shade and will bloom where most flowers would fail. If the bed is fully exposed to the sun, care must be taken to make sure that the bed is kept moist at all times. The bulbs must be dug and stored for winter. Please state color wanted.

DOUBLE CAMELLIA. Scarlet, rose, pink, orange, yellow and white. Two inch bulbs. Each, 35c; 3 for 90c; 6 for \$1.75; 12 for \$3.25, postpaid.

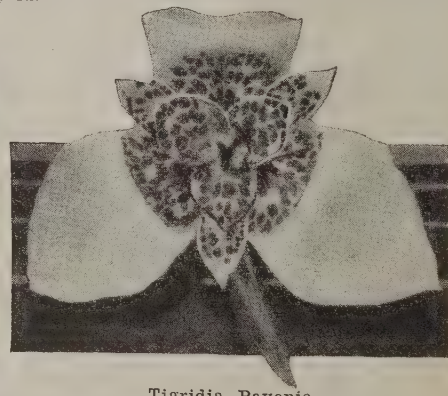


Double Camellia Tuberos Rooted Begonia.

TIGRIDIA PAVONIA BULBS

(Mexican Shellflower.)

Here is a new flower for your garden that will produce a riot of color in August and September. The long, slender buds unfold into a gorgeous triangular flower of many vivid shades of scarlet. The flowers are formed by three long, broad petals extending from a central cut overlaid with three short petals of contrasting colors richly spotted. Grow like gladiolus. Bulbs, Mixed: Each, 10c; 3 for 25c; 12 for 85c, postpaid.



Tigridia Pavonia.

FLORALIFE

PROLONG THE BEAUTY AND LIFE OF YOUR CUT FLOWERS.

Floralife prolongs the life of the flower by many days. Prevents fading; retards wilting even in warm rooms. It is very simple and easy to use. A 10c package is sufficient for a 2-quart vase or several smaller vases. Splendid to use for flower shows. Price, large pkt, 10c; 3 for 25c, postpaid.

OLDS' HARDY LILIES

LILIUM HENRYI. A lovely lily originating in Central China. Grows from four to eight feet in height, often carrying as many as twenty bright orange-yellow slightly spotted reddish-brown flowers in August. It is hardy, robust, long lived, and grows in most any soil and situation. Like all lilies it requires good drainage. Eight to nine-inch bulbs. Each, 45c; 3 for \$1.20; 6 for \$2.30, postpaid.

LILIUM REGALE. One of the most beautiful varieties of hardy lilies offered today. The center of the flower is flushed with yellow, shading to white at the outer edges. Externally the flowers are streaked with brown shaded through the almost translucent petals with a delightful pearly tint. A truly royal lily. Grows to a height of four to five feet and blooms in July. Selected bulbs, each, 35c; 3 for 90c; 6 for \$1.70; 12 for \$3.20, postpaid.

OLDS' GORGEOUS GLADIOLUS



Commander Koehl.

VAN TIENHOVEN. Brilliant large bright poppy red. Slight marking of light cream in the throat. Good strong stem with 5 to 7 large ruffled flowers open at a time. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

YELLOW SHADES

CANBERRA. Very strong grower, tall spikes of clear yellow. Buds greenish. Fine exhibition variety. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

GOLDEN FRILLS. Deep ruffled yellow with a throat penciled rose. The best of the ruffled yellows. Each 7c; doz., 60c; 100 for \$3.90, postpaid.

WHITE AND CREAM SHADES

MAID OF ORLEANS. A good white for all general purposes. Beautiful milky-white with cream throat. Tall, sturdy grower with eight or more perfectly placed flowers open at a time. Each, 7c; doz., 60c; 100 for \$3.90, postpaid.

MAMMOTH WHITE. Probably the largest white variety in existence. Flowers are pure glistening white. A wonderful exhibition flower. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

SHIRLEY TEMPLE. Soft, rich, deep cream, heavily ruffled of mammoth size. Nothing more beautiful than a good spike of this variety. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

SNOW PRINCESS. One of the newer white varieties. Large spikes with many milky white with creamy throat flowers open at one time. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

LAVENDER AND SMOKY SHADES

BLUE BEAUTY. A beautiful blue shade becoming a bit lighter at the edge of the petals. It is a tall strong grower and produces long spikes that will open 3 florets at once. Each, 15c; 6 for 70c; doz., \$1.20, postpaid.

CHAS. DICKENS. Bright radiant purple, with velvety blotch. Tall, strong, straight spike. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

MARMORA. Immense smoky lavender with pale purplish blotch. Eight to ten perfectly placed blooms open on good, tall, straight spike. Great exhibition variety. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

MINUET. Wonderfully beautiful, clear light pinkish lavender. Four to six very large heavily textured blooms open at once. Heavy, strong foliage and fine grower. Finest light lavender in existence. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

PELEGRINA. A rich deep indigo or violet blue. A very unusual flower. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

SALBACH'S ORCHID. Beautiful fine orchid or lavender shade. Excellent in every way. Each 10c; doz., 95c; 100 for \$4.95, postpaid.

VAGABOND PRINCE. A rich garnet-brown or mahogany with a glowing scarlet blotch. Eight or more florets open at a time. Opens up well when cut. Midseason. One of the richest and best of the smoky varieties. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

The Gladioli are generally recognized as the most beautiful and popular of all the flowers grown from summer flowering bulbs. They are of very easy culture and well suited for garden as well as cut flower purposes.

Our bulbs are all first size (one and one-half inches in diameter and up), high crowned, grown from Semesan-treated bulbs and are of exceptionally fine quality.

PLEASE NOTE: Orders for bulbs will not be mailed until danger of freezing is over, usually about March 15th. Fifty bulbs at one-half the 100 price.

RED SHADES

BEACON. One of the most brilliant and tallest of all varieties. Eight florets open at once on a very long spike. Brilliant scarlet with creamy throat. Mid-season. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

COMMANDER KOEHL. Beautiful large massive, clear blood-red blooms set on heavy straight spikes. Generally considered the best medium red. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

DR. F. E. BENNETT. Fiery scarlet with fine white lines in the throat. Several large well placed blooms open. A prize-winner. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

RED PHIPPS. Late midseason. Unusual shade of light red. Medium tall plant with long flower heads. Considered one of the best cut flower reds. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

Olds' Blue Ribbon Collection

10 Prize-Winner Gladiolus Bulbs, 70c, postpaid.

We offer one bulb each of the following beautiful Gladiolus, each properly wrapped and labeled for 70c, postpaid. These are outstanding varieties and the cream of our entire list. All varieties are blue ribbon winners.

Canberra, yellow.
Vagabond Prince, mahogany-brown, red blotch.
Pelegrina, deep blue-violet.
Dr. F. E. Bennett, scarlet.
Debonair, La France pink.
Salbach's Orchid, lavender.
Mammoth White, pure white.
Phyllis McQuiston, large pure pink.
Van Tienhoven, brilliant red.
Mrs. Frank Pendleton, pink and scarlet.

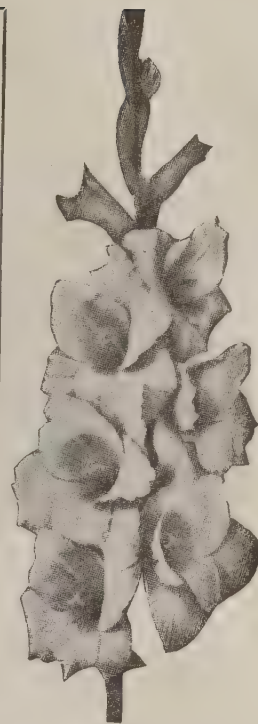
Price: 1 bulb of each, 70c; 2 bulbs of each, \$1.30; 3 bulbs of each, \$1.80, postpaid.



Mammoth White.

ORANGE

LA FIESTA. An outstanding beautiful orange bronze. It produces a tall graceful spike and long flower head. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.



Picardy.

PINK, ROSE AND SALMON SHADES

BAGDAD. Smoky old rose deeper toward the edges and lighter in the throat. Flowers are large and many open at a time. Very fine. Each, 7c; doz., 60c; 100 for \$3.90, postpaid.

DEBONAIR. A La France pink with shrimp pink in throat and creamy throat marks. A very popular variety. Each, 7c; doz., 60c; 100 for \$3.90, postpaid.

J. S. BACH. An exquisite early-flowering exhibition variety. Orange-salmon, lighter in the throat, with white median lines on each petal which help to beautify the appearance. Strong grower. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

MARGARET FULTON. A very early large rose-pink. Each, 7c; doz., 60c; 100 for \$3.90, postpaid.

MRS. FRANK PENDLETON. Very large flowers of delicate pink contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

PEGGY LOU. A beautiful, smooth, deep shrimp pink with a rosy cast. Deeper rose in throat. One of the better new varieties. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

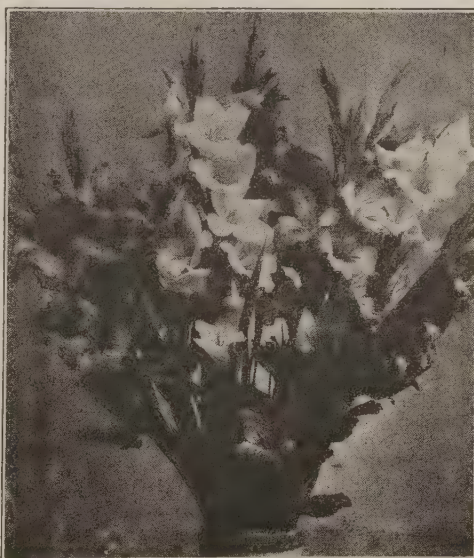
PHYLLIS MCQUISTON. A gorgeous pure pink of outstanding merit. The tall spikes of large pink flowers with throats of lighter shade each appear like a bouquet. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

PICARDY. Soft shrimp pink without flecking. Blotch of light flesh pink shading to shrimp pink at edges. Seven to ten flowers open at one time. Well placed on tall, strong spike. Heavy propagator. Each, 10c; doz., 95c; 100 for \$4.95, postpaid.

ROSA VAN LIMA. Light rose with few lines in the throat. Up to 8 or more well placed blooms open on a tall strong spike. Each, 12c; doz., \$1.20; 100 for \$5.75, postpaid.

OLDS' EXHIBITION MIXTURE

The gladiolus in this mixture are of many colors, including most of our named varieties together with many new seedlings. The bulbs are all of number one size, measuring 1½ inches or over in diameter. For the market gardener or commercial flower grower this is a very fine assortment to use as the price is exceptionally low and the cut flowers can be sold for just as much as those of the named varieties. Will make a wonderful showy display in the garden. Doz., 50c; 25c for 90c; 100 for \$2.50, postpaid. —Not postpaid, \$17.00 per 1,000.



Olds' Exhibition Gladiolus Mixture

THRIP CONTROL. The U. S. Dept. of Agriculture recommends, after plants have reached 6 inches in height, weekly spraying with the following formula: ¼ lb. Tartar Medic, 1 lb. brown sugar and 6 gal. water. This material is very poisonous and should be purchased from a druggist.

OLDS' FIELD SEEDS

"KNOWN FOR RELIABILITY"



A fine field of Wisconsin Alfalfa.

Olds' seeds have been known for their reliability for over half a century. We are proud of our stocks and believe that there are none better. Our Old Gold Brand seeds represent the best grade obtainable as it is the finest that nature can produce. When you buy your field seeds, insist upon Old Gold Brand seeds. Dependable dealers throughout the north central states handle our seeds for they give the best results and satisfaction wherever they are planted. If your dealer cannot supply you with our seeds, send us your order direct. We assure you that it will receive prompt and careful attention. The prices quoted were based on market values at the time this book goes to press, and are strictly subject to change. We furnish sacks and bags free on all field seed orders unless otherwise noted. Prices are f. o. b. Madison unless otherwise quoted. **Ask for weekly price list if you do not order at once.** Because of unsettled conditions brought about by the war, we believe it advisable to cover your seed requirements promptly.

All our Alfalfa seeds are U. S. verified as to origin. They are all northern grown, adaptable to the north central states, and will be eligible for Soil Conservation payments. Unadaptable seed will not be recognized in the Soil Conservation Program.

OLDS' ALFALFA SEED

(Sow 12 to 15 lbs. to the acre.)

GRIMM ALFALFA

In 1857, a native of Baden, Germany, named Wendelin Grimm, came to America and settled in Carver County, Minnesota. He brought with him some Alfalfa seed which he planted and eventually attracted considerable attention on account of its cold resistance. In 1895, the University of Minnesota became interested in the hardy strain of Alfalfa grown by Mr. Grimm and began conducting experiments on Alfalfa. From that time on the hardy strain of Alfalfa grown in Carver County, Minnesota, was named Grimm Alfalfa. All the strains of registered Grimm Alfalfa now grown and sold as such, trace back to the original Alfalfa grown in Carver County, Minnesota.

Grimm Alfalfa is well known as the hardest Alfalfa. It is usually distinguishable from Common Alfalfa as the blossoms are variegated in color, yellow, green, blue, brown instead of purple. The root system is branching and the crown of the plant is usually set lower. The seed costs more, but it pays to use it to insure against winter-killing. All our Grimm seed is "State Sealed and Certified."

Registered Northern Grimm Alfalfa is produced in the northern states which include Montana, Minnesota, Wyoming and the Dakotas. Climatic conditions are very severe in these states. Therefore, they are of equal hardness. State and federal seed regulations require Registered Alfalfa seed to be sealed in the state grown by their own state authorities. They are identified by states for this reason. All Registered Seed is premium seed, 99.25 purity and 90 germination or better.

REGISTERED NORTHERN GRIMM

Prices by mail: 1 lb., 80c; 5 lbs., \$3.75, postpaid. By freight: Pk., \$9.10; bu., \$35.25.

WILT-TOLERANT ALFALFAS REGISTERED LADAK

In 1910, Experiment Stations in the northern plains states received samples of alfalfa seed from northern India produced at an altitude of 12,000 feet where the rainfall is about four inches a year and blizzards occur throughout the season. These plantings proved it to be harder than all alfalfas including the Grimms, and that it was very drought-resistant and tolerant to bacteria wilt. The plant is fine stemmed and leafy producing a fine quality hay. It is also an excellent yielder. At the Kansas station it was one of the three highest yielding varieties on wilt-infested soil.

Prices, Registered Northern Ladak: Lb., 80c; 5 lbs., \$3.75, postpaid. By freight: Pk., \$9.10; bu., \$35.25.

REGISTERED COSSACK

A very hardy type of alfalfa introduced from Siberia. It is a cold and drought-resistant alfalfa and a heavy yielder. Seems to do better on heavy clay soil than the other types. The most important feature of Cossack Alfalfa is its resistance to alfalfa wilt. If your soil is infected with alfalfa wilt, plant Cossack or Ladak Alfalfa.

Prices, Registered Northern Cossack: 1 lb., 80c; 5 lbs., \$3.75, postpaid. By freight: Pk., \$9.10; bu., \$35.25.



Once a field of thistle, now splendid alfalfa.

Inoculate this Legume Seed with NOD-O-GEN, or NITRAGIN, page 59.

"Verified Origin" means that a U. S. Government tag will appear on every bag verifying the statement as to the locality where the seed was grown.

All our alfalfa seed is put up in bushel sacks.

THE ALFALFA SEED SITUATION

As this catalog goes to press, the alfalfa seed situation is very serious. It is estimated that the available supply of alfalfa seed is considerably less than last year. The 1943 crop of alfalfa seed was estimated about the same as last year's production, but about 10 per cent below a ten-year average. There was very little seed carried over from last year and with a very short crop this year, we anticipate there will not be enough seed to supply a normal demand, especially of seed produced in the northern states, classified as Northern Alfalfa. Each year considerable alfalfa seed grown in Canada found its market in the United States. This past year, Canada had a short crop so the Canadian Department of Agriculture is not granting permits to export Canadian seed to this country. Wisconsin did not produce alfalfa seed in 1943, Minnesota produced only a small quantity and Idaho, which formerly produced a large part of our domestic supplies, has no seed. Therefore, our main sources of supply are the states of Kansas, Oklahoma, Montana, and small amounts of seed from Nebraska, Colorado and the Dakotas. Support prices or subsidies on potatoes and dried peas in several states, especially Idaho, diverted large acreages to cash crops which resulted in farmers plowing under large acreages of clover and alfalfa and planting to other crops. This diversion of our legume acreage is one of the reasons of the alfalfa seed shortage. Weather conditions were also unfavorable in many sections of Montana and the Dakotas. We urge our customers to purchase their alfalfa seed at once and if you cannot obtain alfalfa, plant red clover as a substitute.

Adaptable Northern Grown Verified Origin Alfalfas

According to the OPA and the War Food Administration, all alfalfa seeds are grouped as to adaptability and are under price control. Northern Alfalfas are those grown in the states of Montana, Idaho, North and South Dakota, Wisconsin, Minnesota and Nebraska and are priced equally.

Our stocks of Northern Alfalfas are mostly grown in Montana, Wyoming and the Dakotas and are U. S. Verified as to their origin. Because of the great shortage of hardy alfalfa, we will ship on orders according to what we have available only from stocks produced from the three states mentioned. All of our alfalfa seed will be Premium Seed 99.25 or better pure; 90 per cent or better germination and packed in our Old Gold bushel bags.

Prices, Northern Alfalfa, Old Gold Brand: Lb., 70c; 5 lbs., \$3.25, postpaid. By freight: Pk., \$8.00; bu., \$31.00.

FANCY KANSAS ALFALFA

Kansas grown alfalfa is classified in the Central States group. It has proven itself very desirable for the central and northern states as a common alfalfa. At the Wisconsin Experiment Station they place it next to Montana, Idaho and Dakota for hardness. It is recommended as a very desirable alfalfa in your rotation plan, especially when alfalfa seed is planted in a three-year rotation program. Our seed is beautiful, bright seed of high purity and quality and is U. S. Verified as to origin.

Prices, Old Gold Brand: Lb., 65c; 5 lbs., \$3.00, postpaid. By freight: Pk., \$7.50; bu., \$29.00.

APPROVED OKLAHOMA ALFALFA

Alfalfa seed grown in the northern tier of counties of the state of Oklahoma has been grouped in the Central zone of the United States as classified by the OPA. This seed is also eligible for soil conservation payments. We recommend approved Oklahoma Alfalfa Seed especially when farmers intend to plant mixtures of alfalfa, red clover, alsike clover, timothy and brome grass. Brome grass has been found very desirable as a mixture or companion crop to be planted with alfalfa seed. It is highly recommended on light or sandy soils, especially where summer or early fall planting is customary. A mixture of six to eight pounds of brome and six to eight pounds of alfalfa per acre has produced excellent results. See page 60. We have some very fine approved Oklahoma alfalfa grown in the northern part of the state. Beautiful bright seed of high purity and is U. S. Verified.

Prices, Old Gold Brand: Lb., 65c; 5 lbs., \$3.00, postpaid. By freight: Pk., \$7.25; bu., \$28.00.

OLDS' CLOVER SEED

OLDS' HARDY NORTHERN CLOVER SEED

SOW TESTED CLEAN SEED

If you want the maximum returns from your land, do not plant country run clover seed or seed supplied you from a neighbor that has not been tested and cleaned. This is the way foul weeds are introduced to your land. Seed containing only 75% pure clean seed is an extravagant buy even if the price is one-half that of good clean seed showing a purity of 98% or better. All the seed that we have to offer is Hardy Northern grown, mostly Wisconsin. It is fine bright seed, plump and high testing. Plant seed that you can depend upon. Insist on having Olds' Old Gold Brand "Known for Reliability" Clover Seed.

Our Old Gold Brand represents the best and tests around 99.5% pure. Our Lakes Brand is fine clean seed, free of noxious weeds, but does not show as high a purity test. It usually runs 98% and higher.

ALSIKE CLOVER

(NORTHERN GROWN)

(Sow 5 to 6 lbs. to the acre.)

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding. Our Alsike is northern Wisconsin and Minnesota grown.

Prices, Old Gold Brand (98% purity or better): By mail, 1 lb., 55c; 5 lbs., \$3.00, postpaid. By freight: Pk., \$6.25; bu. (60 lbs.), \$24.00. Sacks free.

Lakes Brand, 97% purity or better. Contains some White Dutch Clover and Timothy. Excellent for pastures. Prices: Pk., \$6.10; bu., \$23.40. Sacks free.

**Help the War Effort
with a Victory Garden.**

PLEASE NOTE: Our Clover Seed is all hardy northern grown and is eligible for Soil Conservation payments.



A Beautiful Field of Pure Medium Red Clover.

MEDIUM RED CLOVER

(Sow 8 to 10 lbs. to the acre.)

(WISCONSIN GROWN.)

Red Clover is the most largely grown and generally useful legume crop in America. In feeding value, the hay ranks next to alfalfa and as a soil builder it is the equal of any and superior to most. It should be grown on every farm where soil and climatic conditions permit as it is well adapted to growing in rotation. Red Clover is grown chiefly for hay and occasionally for pasture to plow under to improve the soil. It is a biennial and will last for two seasons under good conditions. Requires a medium fertile to rich sweet soil with good drainage.

Prices, Old Gold Brand (99.25 Purity Premium Seed): By mail, 1 lb., 60c; 5 lbs., \$2.75, postpaid. By freight: Pk., \$6.90; bu. (60 lbs.), \$26.75; 3 bu. at \$26.65. Sacks free.

Lakes Brand (99% Purity Standard Seed): Pk., \$6.75; bu., \$26.10; 3 bu. at \$26.00. Sacks free.

MAMMOTH CLOVER

(Sow 8 to 10 lbs. to the acre)

(WISCONSIN GROWN)

Resembles medium, but larger. Best for pasture and fertilizer. Our Mammoth is northern grown. Makes good hay if cut early. Ripens later than medium and makes only one crop.

Prices, Old Gold Brand (99.25 Purity Premium Seed): By mail, 1 lb., 60c; 5 lbs., \$2.75, postpaid. By freight: Pk., \$6.90; bu., \$26.75; 3 bu. at \$26.65. Sacks free.

Lakes Brand: (99% Purity Standard Seed): Pk., \$6.75; bu., \$26.10; 3 bu. at \$26.00.

WHITE DUTCH CLOVER

(WISCONSIN GROWN)

Very fine for lawns. Keeps the lawn green during hot, dry weather. Our stock is Wisconsin grown, very fancy seed, the best we can buy.

Prices, Old Gold Brand: By mail, 1/4 lb., 25c; 1/2 lb., 45c; 1 lb., 80c; 5 lbs., \$3.75, postpaid. By freight: 1/2 pk., \$5.85; pk., \$11.55; bu. (60 lbs.), \$42.00. Containers free.

Lakes Brand, containing some alsike: 1/2 pk., \$5.45; pk., \$10.80; bu., \$39.00.

HORN SEEDER

Excellent for sowing clover, alfalfa and all grasses. Only \$1.00, postpaid. See page 72.

STOP ROBBING
YOUR
SOIL

use

NOD-O-GEN Inoculator

If you are growing soy beans, clovers and other legumes without inoculation you are *actually robbing your soil*. You are taking out more nitrogen than you are putting back.

Inoculate with NOD-O-GEN and you'll build up your soil while getting bigger crops and richer feed. Leading farmers do it. NOD-O-GEN is easy to use but costs only a few cents an acre. Has increased yields 20%, 30% and more. An old reliable product which stands high in State and Federal checkups.

PRICES, HUMUS TYPE ONLY:

- Group 1. Alfalfa, Sweet Clover, Bur Clover, Hubam Clover and Black Medic. Postpaid prices: 1 bu. size, 50c; 2 1/2 bu. size, \$1.00.
- Group 2. Clovers: Medium Red, Mammoth, Alsike, and White Dutch. Postpaid prices: 1 bu. size, 50c; 2 1/2 bu. size, \$1.00.
- Group 3. Lespedeza, all varieties: Postpaid price: Up to 100 lb. size, 50c.
- Group 4. Soybeans, all varieties. Postpaid prices: 2 bu. size, 30c; 5 bu. size, 55c; 25 bu. size, \$2.50.
- Group 5. Cowpeas, Peanuts, Lima Beans, Velvet Beans, Crotalaria, and Kudzu. Postpaid prices: 2 bu. size, 30c; 5 bu. size, 55c; 25 bu. size, \$2.50.
- Group 6. Field Beans, Wax, String, Navy, Snap, Kidney and Scarlet Runner-Garden Beans. Postpaid price: 1 bu. size, 55c.
- Group 7—Large package. All Vetches: Postpaid price: 1 bu. size, 35c.
- Peas: Austrian, Canada, Garden, Sweet and Canning Peas. Broad Bean, Lentil. Postpaid price: 100 lb. size, 55c.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN
ABOVE EVERY ACRE. THIS IS AVAILABLE

FREE FOR SOIL AND CROP IMPROVEMENT IF YOU
**CONVERT LEGUME SEEDS
INTO FERTILIZER PLANTS**

Inoculating by **NITRAGIN** with
SINCE 1898

ALFALFA
RED CLOVER
SWT. CLOVER
COWPEAS
PEAS
VETCH
A. W. PEAS
SOYBEANS
LESPEDeza
PEANUTS
BEANS
ALL LEGUMES

BUILD UP YOUR SOIL

**Inoculate Your Legumes
With NITRAGIN**

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

1944 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA
Sweet, Bur, Hubam Clovers
Size Retail
1 bu. ea.\$.50
2 1/2 bu. ea. 1.00

CLOVERS
Medium & Mammoth
Red, Alsike, Crimson &
White Clovers
1 bu. ea.\$.50
2 1/2 bu. ea. 1.00

PEAS (All Varieties)
VETCHES (All Varieties)
100 lb. size (Inoculates up
to 100 lbs.) ea.\$.50
1200 lb. size ea. 5.70
(12-100 lb. size cans)

**BEANS—Navy, Pinto,
String, Wax, Kidney**
1 bu. ea.\$.35

LESPEDeza Hulled or Unhulled
100 lb. size (Inoculates up
to 100 lbs. seed)\$.50

PEANUTS, LIMA BEANS, COW PEAS

Size Retail
Small (Inoculates up to
120 lbs. seed)\$.30
5 bu. ea.55
25 bu. (one can) ea. 2.50
30 bu. (one ctn.) ea. 3.25
(Contains 6-5 bu. cans)

SOYBEANS (All Varieties)

Small (Inoculates up to
120 lbs. seed)\$.30
5 bu. ea.55
25 bu. (one can) ea. 2.50
30 bu. (one ctn.) ea. 3.25
(Contains 6-5 bu. cans)

LUPINES (All Varieties)

100 lb. size (Inoculates up
to 100 lbs. seed) ea. \$.50

GARDEN SIZE
Garden Peas and Beans
Sweet Peas and Lupines
Enough for 8 lbs. seed
Retail Price 10c each.

NITRAGIN—Oldest and Most Widely Used Inoculator in America

OLDS' SWEET CLOVERS



A Fine Wisconsin Sweet Clover Pasture.

Grundy County White Blossom

Grundy County Sweet Clover has several outstanding advantages. First, it is three weeks earlier than the common sweet clover. Thus the seed ripens ahead of most weeds. Second, while it grows to a good height and makes a good hay crop it is not as tall as the common and is much more easily handled. Third, it is finer and more leafy than the common and branches thickly about a foot above the ground. Fourth, it yields more seed than the common, several farms in Grundy County producing as high as 8 to 15 bushels per acre.

Grundy County Sweet Clover is perhaps more like Alfalfa than Sweet Clover. It grows like alfalfa only faster and the hay is like alfalfa hay so that it is in fact almost a "White Blossom Alfalfa."

Prices, Old Gold Brand: By mail, 1 lb., 40c; 5 lbs., \$1.75, postpaid. By freight: Pk., \$3.20; bu., \$11.80; 3 bus. at \$11.75.



NITRAGIN on Sweet Clover The wonderful nodules enrich the soil and insure a big crop.

(The Great Soil Builder and Hay Crop.)

Sweet Clover should be planted for 3 reasons:

First—A Great Pasture Crop. When the ordinary blue grass pastures dry up in midsummer, Sweet Clover keeps right on growing and furnishes wonderful pasture right through the drouth period.

Cows on Sweet Clover produce a splendid flow of milk. It will generally pasture a thousand-pound cow per acre for a period of about 4 months.

Second—Wonderful Soil Builder. Sweet Clover is an excellent crop for building up worn-out soils. It grows faster than red clover or alfalfa and larger and the roots penetrate deeper into the soil.

Third—A Valuable Hay Crop. While not quite equal to Alfalfa it makes good hay if cut at the right time and cattle will eat it. The Grundy County and the Albotrea are the best for hay.

CULTURE—Sweet Clover is best sown in the spring with one bushel of extra early oats or barley per acre as nurse crop. It can also be sown successfully in June or July without a nurse crop or in corn at the last cultivation. **Fifteen Pounds of Seed per Acre** is usually sufficient—a little less for Grundy County as the seed is smaller. Inoculate the seed before sowing with Nitragin or Nod-O-Gen. Use lime if your soil is sour. Most any well-drained soil is all right for Sweet Clover.

Note: Our Old Gold Brand Sweet Clover is Premium seed testing 99.25 or better purity.

Tall White Blossom Sweet Clover

The best probably for pasture and for soil building and the most largely sown for all purposes.

Prices, Old Gold Brand: By mail, 1 lb., 40c; 5 lbs., \$1.75, postpaid. By freight: Pk., \$3.20; bu., (60 lbs.), \$11.80; 3 bus. at \$11.75.

Yellow Blossom Sweet Clover

This is the large strain of Yellow Sweet Clover, biennial the same as the Tall White. Increasing in popularity. Some say it is better for pasture than the White because it stays green longer.

Prices, Old Gold Brand: By mail, 1 lb., 40c; 5 lbs., \$1.75, postpaid. By freight: Pk., \$3.20; bu., \$11.80; 3 bus. at \$11.75.

Hubam (The Annual Sweet Clover.)

Produces a full crop of both hay and seed all in one year. Very desirable for a honey crop because it continues to blossom all summer long.

Prices, Old Gold Brand: By mail, 1 lb., 45c; 5 lbs., \$2.00, postpaid. By freight: Pk., \$3.95; bu., \$14.80; 3 bus. at \$14.75.

OLDS' CANES

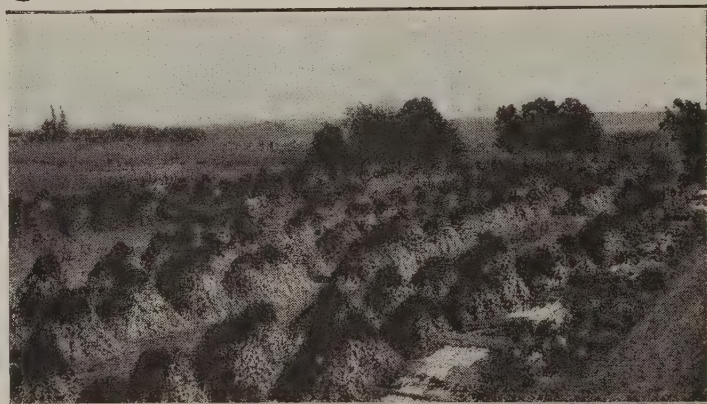
Sorghum Cane

WACONIA ORANGE SORGHUM CANE.

Waconia Orange Cane has been recently developed by selected breeding over a period of four or five years and it is a great improvement over the old strain of Amber cane. It has a stronger germinating seed, better withstanding unfavorable growing conditions, grows a much heavier but shorter stalk, withstands storms and wet weather without lodging and most important of all in running tests produces a better quality of syrup and more of it per acre. Sow 4 to 8 pounds of seed to the acre for sorghum and 15 to 25 pounds for fodder.

Prices, by mail: Lb., 30c; 5 lbs., \$1.25, postpaid. By freight: 10 lbs., \$1.90; 100 lbs., \$14.00.

ROX ORANGE. A new variety of sweet sorghum that has been bred to overcome some of the disadvantages of Early Black Amber. It is a medium early maturing kind, originated by the Wisconsin College of Agriculture Experiment Station. While developed for a syrup sorghum, it is also found the best variety for silage. Its advantages over the Early Amber are its thicker stalk, easier to strip, easier to thresh, stands up better without lodging and will produce a higher yield of syrup, averaging about 80 gallons of syrup per acre. Most seasons will produce ripe seed in Central and Southern Wisconsin. Prices: By mail, lb., 35c; 5 lbs., \$1.30. By freight: 10 lbs., \$2.00; 100 lbs., \$15.00.



Field of Waconia Orange Sorghum Cane Grown in the North.

Fodder Canes

ORANGE FODDER CANE

Farmers should grow more fodder cane as it is a most profitable crop. It produces as much as thirty tons of green feed per acre. Ideal for silage either alone or drilled with corn. The same strain as the sorghum cane, but grown in the south for fodder purposes.

Prices, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: 10 lbs., \$1.25; 100 lbs., \$8.50.

AMBER FODDER CANE

Makes a wonderful fodder crop, rich in sugar. Same as the Sorghum Cane but southern grown for fodder purposes.

Prices, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: 10 lbs., \$1.25; 100 lbs., \$8.50.

Atlas Sorgo

A new variety of cane which is a cross between White Kaffir Corn and Sourless Cane. Plants reach a height of seven to ten feet and require from 120 to 130 days to mature. Has a sturdy leaf stalk, abundantly juicy and sweet. Heads fairly compact. Branches filled with white seeds. Similar in size and shape to Kaffir. Excellent for silage. Produces a large tonnage of succulent feed.

Prices, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: 10 lbs., \$1.25; 100 lbs., \$8.50.

White Kaffir Corn

Makes the best kind of fodder for cattle or horses. Seed splendid for poultry. Plant fifteen pounds an acre in rows, 50 pounds broadcast.

Prices, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: 10 lbs., \$1.20; 100 lbs., \$8.00.

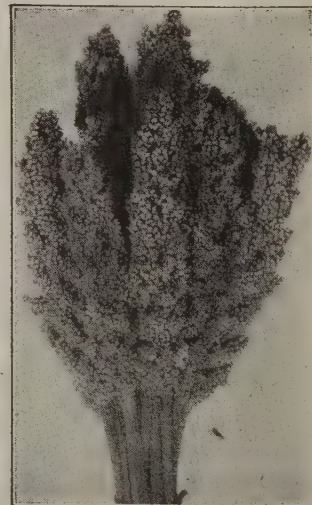
Milo Maize

A variety of sorghum. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing $\frac{3}{4}$ of a pound each. Plant same as Kaffir. Excellent for poultry.

Prices, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: 10 lbs., \$1.20; 100 lbs., \$8.00.



Amber Fodder Cane.



White Kaffir Corn.



Olds' High Grade Timothy Grows Long Heads.

Olds' Grasses

Timothy Seed

(Sow 10 to 15 pounds to the acre.)

Timothy for years has been the standard and most widely grown hay grass. It is indispensable as a hay for horses. It is an easily grown low-cost crop and seed is cheap. Probably the most profitable grass to grow where conditions permit its cultivation. A short lived perennial usually lasting four or five years. It is satisfactory for pasturing just a short period. Timothy prefers a sweet soil and thrives best on rich moist bottom lands and heavy types of soil. It is a nitrogen feeding plant and should follow a legume crop.

Our timothy seed is the purest and best that can be obtained. It is all thoroughly re-cleaned and free from noxious weeds with high tests, most of it testing 99.6 per cent purity or better.

Prices, Old Gold Brand (Premium Seed 99.50 Purity): By mail, 1 lb., 25c; 5 lbs., \$1.00, postpaid. By freight: Pk., \$1.30; bu. (45 lbs.), \$1.75; 3 bus. at \$1.65.

Lakes Brand (98.50 Purity): Bu., \$1.50; 3 bus. at \$4.40.

TIMOTHY AND ALSIKE MIXED. (1/4 Alsike); (bu. 50 lbs.): pk., \$2.30; bu., \$8.25; 3 bus. at \$8.15.

Fancy Red Top

(Sow 6 to 8 pounds to the acre.)

RED TOP is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. It not only succeeds on dry land but is also adapted to moist soils.

Fancy Solid Seed. (Re-cleaned, free from chaff.) By mail: Lb., 40c; 5 lbs., \$1.75, postpaid. By freight: 10 lbs., \$2.50; 100 lbs., \$21.00.

LESPEDEZA

(The Annual Wonder Clover)

KOREAN. A very valuable new crop for the middle section of the country. Grows to perfection in Missouri, the southern half of Illinois and similar latitudes. Produces splendid pasture all summer and fall and is also a great hay crop. Is worth trying in Wisconsin and other northern states. Sow 15 to 20 pounds per acre.

Prices, Old Gold Brand: By mail, 1 lb., 35c; 5 lbs., \$1.50, postpaid. By freight: 10 lbs., \$2.20; 100 lbs., \$18.00. Containers free.

Olds' New Pasture Mixture

This mixture is composed of 35% Kentucky Blue Grass, 30% Timothy, 20% Red Top, 10% of Medium Red Clover, and 5% of Alsike Clover. It is an excellent pasture mixture which should be seeded at 30 lbs. per acre for a good stand. Under present O.P.A. regulations, it is difficult to price this mixture correctly and we are not offering mixed seed. We recommend that you purchase the various seeds separately from our catalog and do your own mixing.

Fancy Kentucky Blue Grass

Blue Grass is the foundation grass for all lawns, as well as for permanent pastures. Use plenty of seed. It pays to use the seed liberally.

Old Gold Brand (24-pound seed)—By mail: Lb., 50c; 5 lbs., \$2.25, postpaid. By freight: 10 lbs., \$3.70; 100 lbs., \$33.00.

Lakes Brand (21-pound seed): 10 lbs., \$3.60; 100 lbs., \$32.00.

American-Grown Rye Grass

Much cheaper than the European-grown rye grass. May be used in lawn mixtures. Also good for pastures and meadows. By mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: 10 lbs., \$1.70; 100 lbs., \$13.00.

Astoria Bent Grass

Better for lawns than the old South German Mixed Bent or Creeping Bent because more easily cared for and less subject to brown patch. Desirable also for golf courses. The seed is State Sealed and Certified. Prices, by mail: Lb., \$1.25; 5 lbs., \$5.75, postpaid. By freight: 10 lbs., \$10.00.

Sand Vetch or Winter Vetch

A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and 1/2 bushel grain per acre, oats or barley in the spring, rye in the fall. Makes splendid hay, also fine fall and winter pasture and it can also be pastured in early spring.

Prices, by mail: Lb., 40c; 5 lbs., \$1.75, postpaid. By freight: 10 lbs., \$2.20; 100 lbs., \$18.00.

Chewings' Fescue

A very fine pure strain of Fescue. Grows well on poor, dry soils. Spreads by roots under ground. Recommended for terraces. Grown in New Zealand. By mail: Lb., \$1.00; 5 lbs., \$4.50, postpaid. By freight: 10 lbs., \$8.00; 100 lbs., \$75.00.

Orchard Grass

A long lived perennial which does fine in partial shade and upon wood lands. Its principal use is for hay and pasture under shady conditions. It withstands drought and grazing and will furnish pasture from early spring until fall. By mail: Lb., 55c; 5 lbs., \$2.50, postpaid. By freight: 10 lbs., \$4.70; 100 lbs., \$42.00.



A Seed Field of Brome Grass.

Brome Grass (Bromus Inermis)

A hardy perennial with strong growing root stalks which make a thick firm turf. Does exceedingly well on dry, loose soil. Its unusual drought-resisting powers recommend it for general cultivation. Produces a large yield of highly palatable and nutritious hay. It is slow to start and we advise to sow with a nurse crop when grown for hay. Splendid for permanent pastures. Seed early in spring or late summer at the rate of 20 to 28 lbs. of seed to the acre. By mail: Lb., 40c; 5 lbs., \$1.75, postpaid. By freight: 10 lbs., \$2.60; 100 lbs., \$22.00.

FIELD SEEDS BY MAIL

Field seeds up to 70 lbs. can be sent by mail. If more seed is wanted than is quoted postpaid, take the freight price on quantity desired and add postage according to postage table on order blank.



Crested Wheat Grass.

Crested Wheat Grass

FAIRWAY STRAIN

(Sow fifteen pounds per acre.)

A new grass especially suited for semi-arid conditions which will endure long periods of drought without injury. Growth begins very early in the spring and the grass thrives during the cool weather of spring and fall. The value for hay and pasture compares favorably with Brome Grass, averaging about 300 pounds more per acre in a season. Stands up well under close grazing and will provide excellent pasture at both ends of the season when it is most needed. Heavy root growth makes it splendid for controlling weeds. Seeding should be done on well prepared soil, preferably with a nurse crop especially on drier soils. Early and shallow planting are important. Excellent for lawns, golf course fairways, rural school grounds, etc., in dry regions or where artificial water is not available.

Prices: Certified Canadian No. 1, 1 lb., 35c; 5 lbs., \$1.50, postpaid. By freight: 10 lbs., \$2.20; 100 lbs., \$18.00.



A Field of Wisconsin Reed Canary Being Cut for Hay

Reed Canary Grass

BRINGS LOW GROUND INTO PRODUCTION

Reed Canary Grass is a very valuable new perennial hay and pasture crop especially desirable for low, marshy land. Nothing like it has been thus far produced as it puts land that is just dead waste into production of valuable forage. Continues to grow without care or attention. Very highly recommended by the Wisconsin and Minnesota experiment stations.

For Pasture it lengthens the grazing season as it starts very early in the spring, and beginning before June 1st. will furnish an abundance of pasture throughout the entire season until late in the fall.

For Hay. It makes a heavy yield of good quality hay better than timothy and far superior to wild hay. Ordinarily two or more cuttings can be made in a season. As high as seven tons of hay per acre have been produced in one season.

CULTURE. Sow in early spring, alone or with timothy, 4 to 6 pounds of seed per acre broadcast, or 2 to 3 pounds with drill. Late summer and late fall seeding are also recommended. It makes a permanent grass when once established.

Prices, by mail: Lb., 50c; 5 lbs., \$2.25, postpaid. By freight: 10 lbs., \$3.90; 100 lbs., \$35.00.

OLDS' WISCONSIN CERTIFIED HYBRID CORN



A crossing field of Wisconsin Hybrid. The light rows are the male plants.

PLANT WISCONSIN CERTIFIED HYBRID

Hybrid Seed Corn is well out of the experimental stage and has proven to be a money-maker for farmers everywhere. It will withstand drought and unfavorable weather better than any other type of Corn, and will yield 10 to 30% more as each stalk produces a large, well-developed ear. The root system is heavy and the Corn will stand up when ordinary types will not. The stalks and leaves remain green until the ear is ripe. Hybrid Corn is also fitted for maturity dates enabling the grower to select a type that will mature in his locality. The later the maturing types you can grow, the better the yields. Date to maturity is from the time the corn comes through the ground until it dents and is out of frost danger.

ONLY STATE CERTIFIED HYBRIDS CAN BE SOLD IN WISCONSIN AS HYBRIDS

Plant only Wisconsin Certified Hybrids. Hybrid Seed Corn carelessly grown or from poor planting stock may not be equal to ordinary open pollinated Corn, and we urge all of our customers to make sure that the Hybrid Seed Corn that they plant is Wisconsin Certified seed. The Wisconsin College of Agriculture produces all of the parent seed for the growing of Certified Hybrid Seed Corn, and all growers must grow Hybrid Corn under the supervision of the Wisconsin Experimental Association. All Hybrid which has been grown under the supervision of the Wisconsin Experimental Association when properly dried, graded, and proven high germinating, is eligible to be sealed by the Wisconsin Department of Agriculture, and can be offered for sale in the State of Wisconsin.

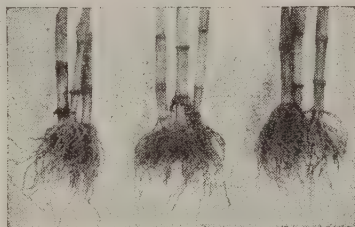
PLEASE NOTE: Some out-of-state Hybrids have proven satisfactory, but we caution our customers not to gamble on these late-maturing varieties as we have had long seasons the past few years and it might prove costly under an unfavorable or even a normal year.

HYBRID CORN IN RELATION TO THE CORN BORER

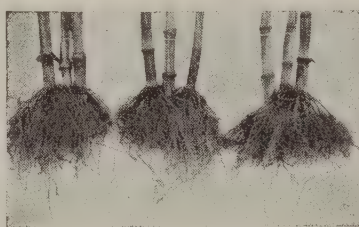
No strain of hybrid corn now known is immune to corn borer attack. A total of about eight parent inbred lines have been shown to possess some measure of resistance. All of those that are adapted for use in Wisconsin have been incorporated into Wisconsin hybrids. Since Wisconsin hybrids have been especially developed for Wisconsin conditions, they may be expected to offer the most promise in meeting the corn borer menace.



Hybrid strains are fitted to maturity requirements.



Open Pollinated Corn Roots.



Hybrid Corn Roots.

DO NOT PAY FANCY PRICES FOR BRAND NAMES ON WISCONSIN HYBRID SEED CORN

It has been brought to our attention that many growers of Hybrid Seed Corn are asking high prices for their seed corn under brand names, and we would like to call attention to the fact that all Wisconsin Hybrid Seed Corn is produced from parent stock obtained from the College of Agriculture. Each grower receives identically the same planting stock. Each grower must conform to all the regulations as required by the Wisconsin Experimental Association. No seed will be sealed or certified unless it meets all of the requirements for Wisconsin Certified seed. In other words, all Wisconsin Certified Seed Corn must be good or it cannot be certified and offered for sale in Wisconsin.

WISCONSIN CERTIFIED 80-DAY HYBRID NO. 255

Recommended for the extreme North. It is a semi-dent with flinty characteristics, resulting from the crossing of a single Hybrid Yellow Flint Corn and a Yellow Dent. No. 255 is the earliest hybrid dent corn available.

Wisconsin Certified Graded Flats: 1/2 pk., \$1.60; pk., \$2.90; bu., \$8.75; 3 bu., \$8.60.

Medium or Large Rounds: 1/2 pk., \$1.10; pk., \$2.00; bu., \$6.00; 3 bu., \$5.85.

WISCONSIN CERTIFIED 85-DAY HYBRID NO. 275

The No. 275 seems to have a little better stalk than the No. 279 and we like it a little better. It is recommended for the far Northern parts of Wis.

Wisconsin Certified Graded Flats: 1/2 pk., \$1.60; pk., \$2.90; bu., \$8.75; 3 bu., \$8.60.

Medium or Large Rounds: 1/2 pk., \$1.10; pk., \$2.00; bu., \$6.00; 3 bu., \$5.85.

WISCONSIN CERTIFIED 90-DAY HYBRID—NO. 325

Recommended for the far North where the growing season is short. Ears are remarkably large for so early a corn. 7 to 8 inches long and 14 to 16 rows. Stalks are straight and leafy.

Wisconsin Certified Graded Flats: 1/2 pk., \$1.50; pk., \$2.75; bu., \$8.25; 3 bus. at \$8.10.

Medium or Large Rounds: 1/2 pk., \$1.00; pk., \$1.85; bu., \$5.50; 3 bus. at \$5.35.

Please Note: The number shown is the name of the Hybrid and not the catalog number. Do not place this number on the order blank in the space marked catalog number, but place it under the column, Articles Wanted.

Barbak-D
REG. U.S. PAT. OFF.

A seed treatment that serves as a protection to the seed against rotting in cold damp ground. A better stand of plants produces an increased yield at harvest time. Easily applied by mixing dry at the rate of two ounces to a bushel of seed. Small quantities can be dusted in an old milk can by placing seed in the can and shaking thoroughly for three to four minutes. All containers should be thoroughly clean and dried before and after using. Seed treated before planting time should be stored in a warm dry place. Prices: Lb., 75c; by mail, 80c; 5 lbs., \$3.00; by mail, \$3.25. By freight: 25-lb. drum, \$12.50; 100-lb. drum, \$45.00. Hybrid Corn Growers—Write for prices stating quantities needed.

POSTPAID HYBRID CORN PRICES: We will supply any variety of Hybrid by mail at the following prices: 1 lb., 35c; 3 lbs., \$1.00; 7 lbs. (enough for one acre), \$1.90, postpaid.

OLDS' WISCONSIN CERTIFIED HYBRID CORN

Be safe with **CERTIFIED SEED**

Wisconsin certified seed is—

- produced directly from new foundation stocks supplied each year by the Wisconsin College of Agriculture
- supervised carefully by field inspections and laboratory tests to insure a high degree of purity and good germination
- officially tagged and sealed with the **Certified Seed label**



A picking of Wisconsin Hybrid No. 531.

WISCONSIN CERTIFIED 90-DAY HYBRID—NO. 335

The ears of No. 335 are variable yellow to red color, resulting from the crossing of a north-western dent single cross as seed parent and a yellow dent single cross as pollen parent. For silage this variety outyields all others of the same maturity.

Wisconsin Certified Graded Flats: $\frac{1}{2}$ pk., \$1.50; pk., \$2.75; bu., \$8.25; 3 bus. at \$8.10. Medium or Large Rounds: $\frac{1}{2}$ pk., \$1.00; pk., \$1.85; bu., \$5.50; 3 bus. at \$5.35.

WISCONSIN CERTIFIED 95-DAY HYBRIDS—NO. 355 AND 416

Both are exceptionally fine yellow dent Hybrids which can be grown wherever Wisconsin No. 25 will mature and are very similar. Large ears for an early variety and stalks are 7 to 8 feet.

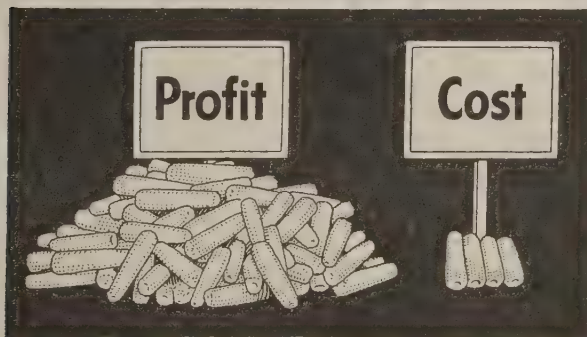
Wisconsin Certified Graded Flats: $\frac{1}{2}$ pk., \$1.50; pk., \$2.75; bu., \$8.25; 3 bus. at \$8.10. Medium or Large Rounds: $\frac{1}{2}$ pk., \$1.00; pk., \$1.85; bu., \$5.50; 3 bus. at \$5.35.

WISCONSIN CERTIFIED 100-DAY HYBRID—NO. 460

We recommend planting the 100-day Hybrid in central Wisconsin and similar latitudes. This variety will mature about the same time as Cold-Resistant Golden Glow or other early strains of this variety. A good yellow dent with tall strong stalks, very leafy. Ears 8 to 9 inches long, 14 to 16 rows, and stalks about 9 feet.

Wisconsin Certified Graded Flats: $\frac{1}{2}$ pk., \$1.50; pk., \$2.75; bu., \$8.25; 3 bus. at \$8.10. Medium or Large Rounds: $\frac{1}{2}$ pk., \$1.00; pk., \$1.85; bu., \$5.50; 3 bus. at \$5.35.

Treat Your Seed Corn With New Improved Semesan Jr.
DESTROYS DISEASE GERMS, PREVENTS SEED ROTTING,
INCREASES STANDS AND YIELDS



Farmers, who use Semesan Jr., look upon it as crop insurance of full corn stands. Usually reduces seed rotting, checks seedling blight and certain seed-borne rots of root and stalk — has increased yields an average of 3 bushels an acre in tests. Costs only about 0.9c an acre. Treats field, pop and sweet corn by quick, dry method. $\frac{1}{2}$ ounces treat one bushel of seed. Prices: $\frac{1}{2}$ -oz. pkt., 15c; 1-lb. size, 75c, postpaid; 6 $\frac{1}{4}$ -lb. size, \$3.75; 25-lb. size, \$12.50. Prices and sizes subject to change.

These precautions are taken to safeguard the identity of the seed and to maintain high quality.

• • •

Over 60% of all
Corn Planted in Wisconsin
is
Now Hybrid

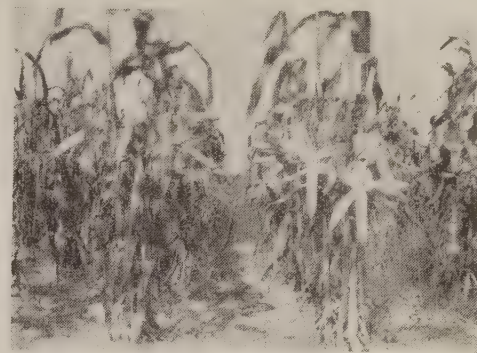


Our President, Mr. Lang, in a field of Wis. Hybrid No. 570.

WISCONSIN CERTIFIED 110-DAY HYBRIDS—NO. 570 AND 606

For southern Wisconsin, Minnesota, and northern Illinois, Iowa, and Michigan, the 110-day Hybrid is probably the most popular. It is a splendid appearing Hybrid, a heavy yielder, standing up well under drought conditions, and producing long, heavy ears well filled with deep yellow kernels. No. 570 seems to be a trifle earlier than No. 606.

Wisconsin Certified Graded Flats: $\frac{1}{2}$ pk., \$1.40; pk., \$2.55; bu., \$7.75; 3 bus. at \$7.60. Medium or Large Rounds: $\frac{1}{2}$ pk., 90c; pk., \$1.70; bu., \$5.00; 3 bus. at \$4.85.



A field of Wisconsin Hybrid No. 570.

WISCONSIN CERTIFIED 105-DAY HYBRIDS—NO. 525 AND 531

A splendid yellow dent ripening just ahead of Murdock. 105-day Hybrids are very popular in south-central Wisconsin, outyielding the earlier maturing hybrids. Ears are about equal to Golden Glow. No. 525 has the shorter stalk and is a trifle earlier.

Wisconsin Certified Graded Flats: $\frac{1}{2}$ pk., \$1.40; pk., \$2.55; bu., \$7.75; 3 bus. at \$7.60. Medium or Large Rounds: $\frac{1}{2}$ pk., 90c; pk., \$1.70; bu., \$5.00; 3 bus. at \$4.85.

WISCONSIN CERTIFIED 120-DAY HYBRID—NO. 696

The 120-day Hybrid is the heaviest yielding of all the Hybrids. Stalks grow to nine to ten feet in height, well supplied with heavy leaves and strong heavy roots. Each stalk will produce a large handsome ear, well filled with deep heavy yellow kernels. In southwestern Wisconsin, Illinois, and Iowa, and similar latitudes where late maturing Corn can be grown, we highly recommend this Hybrid and in other sections for silage.

Wisconsin Certified Graded Flats: $\frac{1}{2}$ pk., \$1.40; pk., \$2.55; bu., \$7.75; 3 bus. at \$7.60. Medium or Large Rounds: $\frac{1}{2}$ pk., 90c; pk., \$1.70; bu., \$5.00; 3 bus. at \$4.85.

WISCONSIN CERTIFIED 115-DAY HYBRIDS—NOS. 645, 648 AND 676

We recommend these for southern Wisconsin and for a silage Corn for central Wisconsin. They are one of the heaviest yielding Hybrids, growing a stalk nine to ten feet high. The handsome large ears are well filled with deep yellow kernels. No. 676 has comparatively tall stalks and dense, compact, short smooth ears.

Wisconsin Certified Graded Flats: $\frac{1}{2}$ pk., \$1.40; pk., \$2.55; bu., \$7.75; 3 bus. at \$7.60. Medium or Large Rounds: $\frac{1}{2}$ pk., 90c; pk., \$1.70; bu., \$5.00; 3 bus. at \$4.85.

Prices: All prices quoted in this book are subject to change and to stocks being unsold upon receipt of the order.



A Hybrid Seed Corn Crossing Field. (Courtesy Wis. College of Agr.) Rows with tassels are the male plants. Seed from these plants is discarded.

OLDS' OPEN POLLINATED SEED CORN

(Plant 7 to 12 lbs. to the acre.)
OUR CORN GROWN BY SPECIALISTS. We have our corn grown, selected, sorted, dried and graded by a group of expert corn men in different parts of the state who grow the different Wisconsin varieties on a large scale. All our Wisconsin corn is fire-dried and it is all from select ears.

HIGH YIELDING STRAINS. Olds' seed corn will not only grow but it will produce high yields. Do not be careless about the seed you plant. Plant the best seed corn you can get as the cost an acre for good seed is slight.

CERTIFIED CORN. The Wisconsin Experiment Association certifies stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. The corn must be grown at least 40 rods from any other variety, must be true to type, practically free from mixture and show at least 95 per cent germination.

WISCONSIN. This is all high testing Wisconsin Grown Corn but is not State Sealed or Certified.

NEBRASKA. This is high testing seed grown for us in Nebraska.

MURDOCK YELLOW DENT

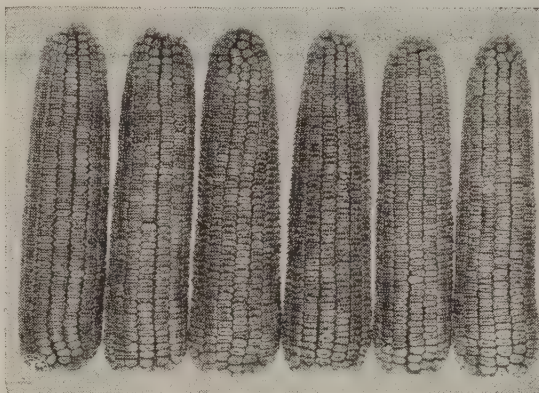
(WISCONSIN NO. 13)
SWEEPSTAKES CORN OF THE NORTHERN ZONE.

Description: Murdock Yellow Dent is of a deep yellow color, ears $8\frac{1}{2}$ to $9\frac{1}{2}$ inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. Murdock is not a lot different from Golden Glow but it grows a trifle larger both in stalk and ear and yields a trifle more. Not quite as early. Better for silage than Golden Glow.

Certified (Brueckner Stock)—By mail: 1 lb., 30c; 5 lbs., \$1.30, postpaid. **By freight:** $\frac{1}{2}$ pk., \$1.00; pk., \$1.90; bu., \$5.75; 3 bus. at \$5.65.

Wisconsin—By freight: $\frac{1}{2}$ pk., 95c; pk., \$1.75; bu., \$5.35; 3 bus. at \$5.25.

Nebraska Grown—By freight: $\frac{1}{2}$ pk., 65c; pk., \$1.10; bu., \$3.50; 3 bus. at \$3.40.



Murdock Yellow Dent Wis. No. 13.



Wisconsin No. 25.

EARLY YELLOW DENT

(WISCONSIN NO. 25)

EARLIEST OF ALL WISCONSIN VARIETIES. This is the corn for the extreme north and for late planting farther south and pronounced by the Wisconsin Experiment Station as "well adapted to the northern sections as a seed and silage variety." It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which was secured from northern Michigan.

Wisconsin—By mail: 1 lb., 30c; 5 lbs., \$1.00, postpaid. **By freight:** $\frac{1}{2}$ pk., \$1.00; pk., \$1.85; bu., \$5.50; 3 bus. at \$5.40.

Prices, Nebraska Grown—By freight: $\frac{1}{2}$ pk., 70c; pk., \$1.20; bu., \$3.50; 3 bus. at \$3.40.

Protect Your Seed Corn with BONIDE CRO-TOX

For the protection of seed corn against crows and pheasants. Also effective against gophers and blackbirds. It is non-poisonous and easily applied. Simply mix with the corn before planting. Costs less than 10 cents per acre. Hastens germination and helps to prevent seed rot.

Prices: $\frac{1}{2}$ -pt. can, treats one bushel, 60c; by mail, 70c. Pint can, treats two bushels, \$1.00; by mail, \$1.10. Quart can, treats four bushels, \$1.50; by mail, \$1.65.



ROOT CROPS

Root crops are profitable. They will save one-half the grain feed without reducing the milk yield. They cost only \$4.00 to \$5.00 a ton while other concentrates cost about \$30.00 per ton to produce. An enormous crop can be taken from an acre. Mangels sometimes produce from forty to fifty tons per acre. Turnips can be sown with grain thereby costing practically nothing to produce. Mangels, carrots, turnips, pumpkins and rutabagas are splendid feed crops. See page 28.

SILVER KING (Wisconsin No. 7)

BEST YIELDER OF ALL OUR WISCONSIN VARIETIES AND BY FAR THE BEST WHITE DENT FOR SOUTHERN WISCONSIN AND NORTHERN ILLINOIS.

Silver King is not only the best white variety but one of the best and heaviest yielders of all varieties of corn. It came from northern Iowa to Wisconsin in 1904. We first offered it in 1907. Now it is well known and a standard variety. It is a big yielder and specially fine for the silo. It has yielded at the Wisconsin Experiment Station 98 bushels per acre and the average yield for the whole state for three years was 57 bushels as compared with 33 bushels, the average of all other open pollinated varieties.

This variety is a uniform creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from $8\frac{1}{2}$ to $9\frac{1}{2}$ inches.

Certified—By mail: 1 lb., 30c; 5 lbs., \$1.30, postpaid. **By freight:** $\frac{1}{2}$ pk., \$1.00; pk., \$1.90; bu., \$5.75; 3 bus. at \$5.65.

Wisconsin—By freight: $\frac{1}{2}$ pk., 95c; pk., \$1.75; bu., \$5.35; 3 bus. at \$5.25.

Nebraska Grown: $\frac{1}{2}$ pk., 70c; pk., \$1.20; bu., \$3.50; 3 bus. at \$3.40.



Wisconsin Silver King.

OPEN POLLINATED ENSILAGE TYPES OF CORN

GIANT RED COB ENSILAGE

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the North for a large growth of green fodder. Does not ordinarily mature ears in the North.

Prices: By mail, Lb., 25c; 5 lbs., 85c, postpaid. By freight: ½ pk., 60c; pk., \$1.05; bu. (56 lbs.), \$3.10; 3 bus. at \$3.00.

EUREKA FODDER

A very large and leafy white corn that will produce a tremendous crop of fodder. Will not ripen ears in the north.

Prices. Ohio grown: By mail, Lb., 30c; 5 lbs., \$1.00, postpaid. By freight: ½ pk., 75c; pk., \$1.30; bu., \$4.00; 3 bus. at \$3.90.



Improved Leaming.

Add postage if you want goods not quoted postpaid sent by mail. See Table on Order Blank.

**INCREASE
YOUR
YIELD OF
CORN
with
SEMESAN
JR.**

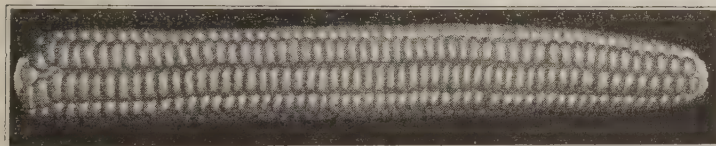
See page 63.

IMPROVED LEAMING

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin and is in great demand in the North for silage. Not quite as large and not quite as late as Reid's Yellow Dent.

Prices, Nebraska grown: By mail, Lb., 25c; 5 lbs., 85c, postpaid. By freight: ½ pk., 60c; pk., \$1.05; bu., \$3.10; 3 bus. at \$3.00.

FLINT VARIETIES



Early Longfellow, the Most Popular Flint.

EARLY LONGFELLOW FLINT

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with long, straight ears, 10 to 15 inches long. Ripens in 75 days. We ordinarily have more call for Longfellow than for all other varieties of flint combined.

Prices, Ohio grown: By mail, Lb., 30c; 5 lbs., \$1.25, postpaid. By freight: ½ pk., 95c; pk., \$1.70; bu., \$5.25; 2½ bus. at \$5.15.

IMPROVED SMUT NOSE FLINT

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other Flint and it also has a better stalk. It has a long ear with eight rows of large yellow kernels. Our stock was grown in Dane County, Wisconsin. It is fire-dried the same as all our other Wisconsin corn.

Prices, Wisconsin grown: By mail, lb., 30c; 5 lbs., \$1.25, postpaid. By freight: ½ pk., \$1.05; pk., \$1.90; bu., \$5.75; 5 bus. at \$5.65.

EVERGREEN SWEET FODDER

A fodder grade of Stowell's Evergreen Sweet Corn. Same as our garden Stowell's Evergreen except not graded. See page 11 for description.

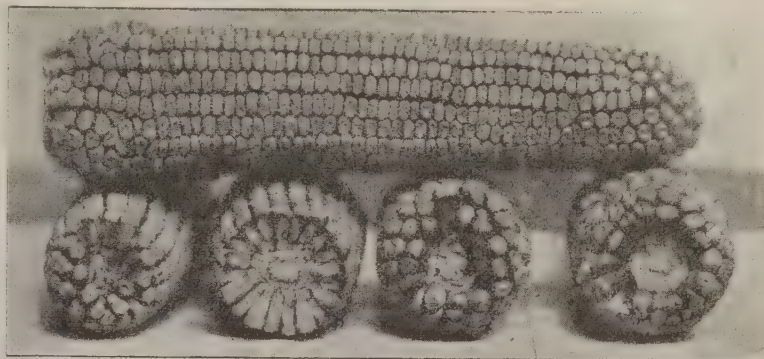
Prices: By mail, lb., 25c; 5 lbs., 90c, postpaid. By freight: ½ pk., 60c; pk., 1.00; bu. (45 lbs.), \$3.00; 3 bus. at \$2.90.

INCREASE YOUR PROFITS

Plant The New Introductions

1. Rox Orange Sorghum Cane.....Page 60
2. Redson Wilt Resistant Flax.....Page 68
3. Michelite Navy Bean.....Page 69
4. Vicland Rust and Smut Resistant Oat.....Page 67
5. Wisconsin Hybrid Corn.....Page 62
6. Manchú 606 and No. 3 Soy Bean.....Page 69
7. Blight Resistant Sebago Potato.....Page 71
8. Rival Rust Resistant Wheat.....Page 68

Improved Smut Nose Flint.



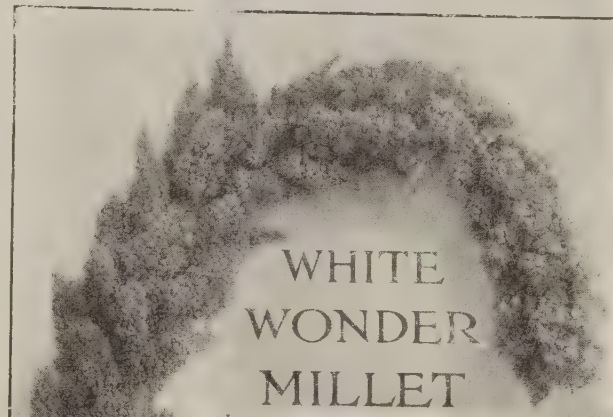
Reid's Yellow Dent, a Popular Large Yellow Silage Corn in the North.

REID'S YELLOW DENT

Reid's Yellow Dent is doubtless more largely grown throughout the Corn Belt than all other varieties of Yellow Corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the North for silo and in a very favorable season the ears will fully mature. It will make a larger tonnage for the silo than anything else we offer except Giant Red Cob Ensilage but Red Cob will not ordinarily give you ears.

Prices, western grown: By mail, Lb., 25c; 5 lbs., 85c, postpaid. By freight: ½ pk., 60c; pk., \$1.05; bu., \$3.10; 3 bus. at \$3.00.

OLDS' MILLETS



**WHITE
WONDER
MILLET**

THE BEST MILLET.

White Wonder is the best of all the millets in our judgment.

It produces more tons of hay per acre than any other millet.

In spite of the very large growth the foliage is thick, with numerous broad leaves so that it furnishes a high grade of millet hay.

It is earlier than either German or Common Millet and is well adapted to the North.

Our stock is very fine—clean, plump and bright.

Prices: By mail, Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: 10 lbs., \$1.20; 100 lbs., \$8.75.

COMMON MILLET

A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Some farmers prefer it to German.

Prices: By mail, 1 lb., 25c; 5 lbs. for \$1.00, postpaid. By freight: 10 lbs., \$1.20; 100 lbs., \$8.75.

GERMAN MILLET.

Most popular of all the millets. A tall growing variety with large stout stems, leaves broad and stiff. Seed of a yellow or golden color. For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st.

Prices: By mail, Lb., 25c; 5 lbs. for \$1.00, postpaid. By freight: 10 lbs., \$1.20; 100 lbs., \$8.75.

JAPANESE MILLET (Billion Dollar Grass.)

A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre.

Prices: By mail, Lb., 25c; 5 lbs. for \$1.00, postpaid. By freight: 10 lbs., \$1.20; 100 lbs., \$8.75.

PROSO OR HOG MILLET.

Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, very valuable for poultry.

Prices: By mail, Lb., 25c; 5 lbs. for 90c, postpaid. By freight: 10 lbs., \$1.10; 100 lbs., \$8.00.

OLDS' SEED GRAINS

WISCONSIN PEDIGREE VARIETIES. Wisconsin stands at the head of all the states in developing valuable pedigree strains of grains. We are in close touch with the work done along this line at the Wisconsin Experiment Station here at Madison and offer the varieties produced by them, confining ourselves mostly to those varieties.

WISCONSIN CERTIFIED SEED. This seed is grown from foundation stock obtained each year from the Wisconsin College of Agriculture. Field inspections are made by a representative of the Wisconsin Experiment Association and official samples are taken for laboratory test by the inspector. Seed must show a purity of 99.5. There must be not more than one kernel per pound of other varieties or kinds of grains. No noxious weed seeds and not more than ten per pound of other weed seeds. Germination must be 90% or better. Foundation seed is seed produced on the station farm. The seed is officially tagged and sealed with the certified seed label by their representative and sold in full sealed bags only. These precautions are taken to safeguard the identity of the seed and to maintain high quality.

STANDARD SEED. Our "Standard Seed" shows high purity and is nearly equal to the Certified Seed. Used bags are furnished free.

**PEDIGREE BARLEY
IS ONE OF OUR LEADERS**



A Typical Field of Wisconsin Pedigree Barley.

OLDS' SEED BARLEY

(Sow 96 to 110 pounds to the acre.)

**WISCONSIN BARLEYS
LEAD THE WORLD**

WISCONSIN PEDIGREE NO. 38 BARBLESS

Wisconsin Pedigree No. 38 originated at the Wisconsin Experiment Station in 1916 when a black, smooth awn barley from southern Russia was crossed with Oderbrucker. The object was to combine the yield, stiffness of straw, light color and high quality of the Oderbrucker with the smooth awn of this Russian barley. The result has been marvelous, for not only has a smooth awn been secured but the yield of the Oderbrucker has been greatly increased while all of the other good qualities have been retained.

THE VALUABLE FEATURES OF WISCONSIN BARBLESS ARE:

First—Smooth Beards. This makes the barley nice to handle. Some farmers say they would just as soon handle this barley as to handle oats.

Second—Resistance to Hot Weather. This barley is from three to five days later than Oderbrucker and other rough bearded barley. This is not an objection but an advantage as it simply adds to the maturity period producing a larger kernel than the earlier varieties.

Third—Heavy Yielding Qualities. It has gone way beyond all others in yield. In the southern counties the yields have been shooting up as high as 80 bushels per acre, machine measure. 55 and 60 seem quite common, which is easily a gain of one-fourth to one-third over the rough barley.

In addition to its other good qualities it has shown itself much more resistant to stripe disease than any other barley.

Certified Seed: Packed in 2½-bu. bags, \$6.90 per bag; 3 bags (7½ bu.), \$6.80 per bag. New bag 45c extra.

Standard Seed: By mail, Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: Pk., 80c; bu., \$2.40; 10 bus. at \$2.35.

WISCONSIN PEDIGREE BARLEY (Rough Bearded Oderbrucker)

(Wisconsin Pedigree 5-1)

Wisconsin Pedigree Barley has for years held its place as the leading variety of six-rowed barley. It has doubled the yield of common barley and has been worth millions of dollars to the farmers of Wisconsin alone.

It originated at the Wisconsin College of Agriculture and was the result of 12 years of painstaking breeding work. It still stands out above all previous varieties of barley for heavy yield, plump grain, stiff straw, large heads and great feeding value. Some of our growers think it yields better than the new Wisconsin No. 38.

Standard Seed: By mail, Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: Pk., 80c; bu., \$2.40; 10 bus. at \$2.35.

TREAT SEED GRAIN WITH NEW IMPROVED CERESAN

A dry treatment which effectively kills certain seed-borne grain diseases by both contact and vapor. Recommended by most experiment stations. Inexpensive—one pound treats 32 bushels of seed grain and frequently increases yields. Use **New Improved Ceresan** on—

Barley—Usually controls seed-borne stripe, covered and black (not brown) loose smuts, and reduces seedling blight and root-rot.

Oats—Generally controls loose and covered smuts and reduces seedling blight and root-rot.

Wheat—Usually controls seed-borne bunt or stinking smut, but not loose smut. It reduces seedling blight and root-rot losses; also smut dockage.

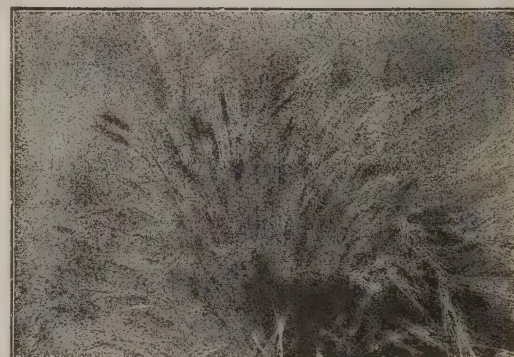
Rye—Generally effective against scab seedling blight, stem smut and stinking smut.

Sorghums—Checks loose and covered kernel smuts.

Flax—Reduces damping-off and seed decay; helps secure good stands.

Peas—Generally checks certain root-rots and seed rotting, helps insure good stands. One pound treats 16 bushels.

Prices: 4-oz. can (treats 8 bu.), 30c; 1 lb., 80c, postpaid. 5 lbs., \$3.40; by mail, \$3.60; (until present stocks are exhausted), then order 4-lb. size, \$2.70; by mail, \$2.90; 25 lbs., \$15.00; 100 lbs., \$55.00. Sizes and prices subject to change.



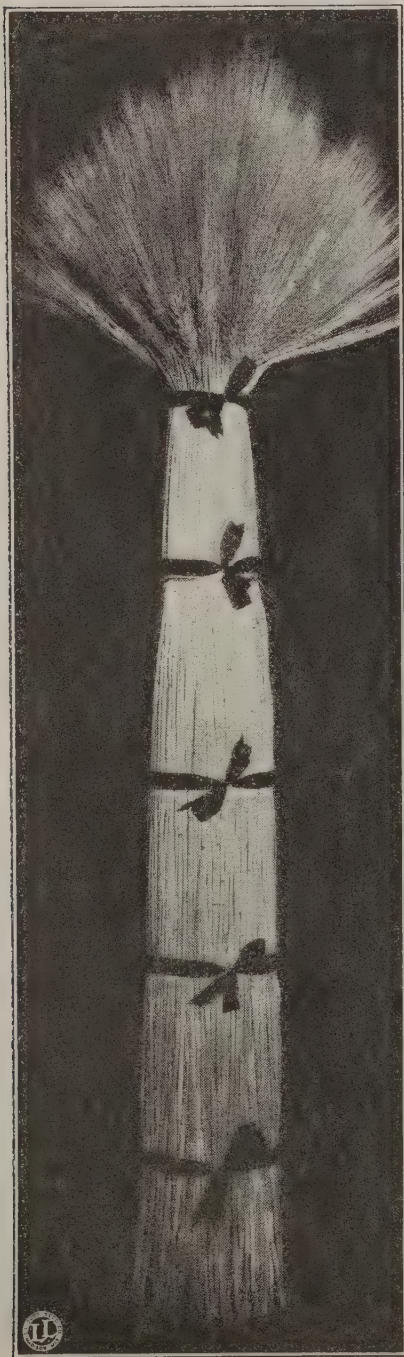
Sheaf of Emmer or Speltz.

SPELTZ OR EMMER

(Sow 100 to 125 pounds of seed to an acre.)

Farmers ought to sow more Speltz. It makes splendid feed and lots of it. Excellent balanced ground feed for horses, cattle or hogs. Its large hull gives it the lightness of Oats while the double kernels furnish a rich meal much like ground Rye feed. It is adapted to dry regions, is hardy, yields more per acre than Oats, stands up better than Oats and Barley. It ripens about with Oats.

Standard Seed. By freight: Pk., 80c; bu. (40 lbs.), \$2.40; 10 bus. at \$2.35.



Sheaf of Wisconsin No. 38 Barbless.

OLDS' SEED OATS

PEDIGREE SEED OATS are a specialty with us. Our oats are grown on contract by careful farmers. We furnish the stock seed, watching and inspecting the crops as they grow. The crops are finally delivered at our warehouse, where we thoroughly clean and grade the grain with our up-to-date cleaning machinery.

PLEASE NOTE: Certified Oats are sealed in new 3-bu. bags and barley in 2½-bu. bags which are extra at 45c each. Smaller lots or broken bags will not be sealed and tagged.

VICLAND

*The New Sensational
Rust and Smut Resistant
Record-Breaking Oat*



A Sheaf of Vicland Oats. Note the heavy heads.



A field of foundation stock of Vicland Oat on the University of Wisconsin Hill Farm at Madison.

"No More Bad Oat Years"

The Vicland Oat was released 2 years ago for the first time commercially and stocks sold out long before planting season with prices rising to over \$5.00 per bushel. This year stocks are larger, but because of the outstanding performances of this new Oat, the demand will again be especially heavy. Order early so as not to be disappointed.

Vicland was developed by plant breeders of the University of Wisconsin and the United States Department of Agriculture. It is a cross between Victoria, a South American Oat, and Richland, a variety that originated in Russia. It is an early yellow, short straw variety, high in bushel weight. It is very resistant to the forms of rust commonly found in this region and is also very resistant to smut. On fertile soil, the straw will attain a good height, but on soils low in fertility, we do not recommend it as the straw is apt to be too short to cut with a binder. It goes through a long dormancy period after harvest and will stand in the shock for a long period without germinating. This is a distinct advantage in rainy weather. Reports from Wisconsin certified seed producers in 1941 and 1942 show an average increase in yield of one-half over yields of the varieties commonly grown in the same neighborhood. This also checks with the records of the Experiment Station. Reports of yields of over 100 bushels per acre are not uncommon.

The Government is urging greater production. Plant Vicland if you want larger Oat yields. **Prices, Certified Seed, by freight:** 3-bu. sealed bags, \$6.75 a bag, 3 bags (9 bu.), at \$6.60 a bag. Packed in new bags which are extra at 45c each. **Standard Seed, first generation from certified seed, by freight:** pk., 55c; bu., \$1.75; 10 bus. at \$1.70 per bushel. Packed in used bags which are free.

"The Vicland Oats we purchased from you last year went 100 bushels to the acre on muck land. We were well pleased with them."

"I am very glad that I put in the Vicland Oats for I had an average of about 50 bushels to the acre. This is about twice the yield of other kinds around here this year."

*Farmers' Bulletin No. 1941.
U. S. Department of Agriculture.*

"Vicland's performance in Wisconsin has been even more striking. Reports from Wisconsin growers in 1941, a season in which crown rust was very destructive, show that the average yield of Vicland was 69 bushels per acre as compared with 41.5 bushels for the standard varieties, a difference of 27.5 bushels in favor of the improved variety. Farm yields as high as 120 bushels to the acre in Wisconsin were reported for Vicland in 1942. In nursery tests conducted by the Wisconsin Agricultural Experiment Station at Madison, Vicland exceeded State Pride, the leading standard variety for Wisconsin, by 20 to 25 bushels to the acre."

A. D. Allen, Michigan.

STATE'S PRIDE (Wisconsin Pedigree No. 7)

Description. State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. The oats are small in size but how they do pour out of the spout at threshing time. State's Pride is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This enables it to escape rust.

It has a short stiff straw and has for 20 years an average yield of 68.5 bushels per acre, at the Experiment Station.

Prices, Standard Seed, by freight: Pk., 50c; bu., \$1.50; 10 bus. at \$1.45 per bu. Bags free.

PLANT MICHELITE

New Navy Bean.

See page 69.



Swedish Select Oats.

SWEDISH SELECT

FINEST IN APPEARANCE OF ALL OUR VARIETIES

Of all the splendid Wisconsin varieties of oats, Swedish Select is the plumpest and finest appearing. The kernels are large, thick, pure white and most attractive.

Description. Swedish Select grows medium to tall in height with large, thick, spreading heads. Heavy in weight, and a great yielder, always standing well up toward the top in yields per acre.

Perhaps the only fault this variety has is a tendency to lodge on rich soils. It is all right for clay soils and ordinary light soils but we do not recommend it for rich, black soils. In season, about medium.

Prices, Standard Seed: By mail, ask for prices.

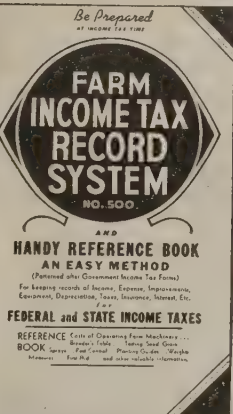
FARM INCOME TAX RECORD SYSTEM

Are You Prepared for

Income Taxes?

This is a simplified record book for keeping accounts—designed to make it easy for farmers to keep a record of all necessary information needed to make out an accurate tax return.

No unnecessary bookkeeping required... it's the simplest and most complete book obtainable. 64 pages. Size 6x9. A complete tax record book 25c.



OLDS' SPRING WHEAT

(Sow 90 to 120 pounds to the acre.)

PROGRESS WHEAT

(Wisconsin Pedigree No. 1611.)

Progress is one of the best varieties of spring wheat for Wisconsin. The outstanding feature about it is that it does not rust. It is a bearded, hard red spring wheat, and is one of the highest yielders. It was developed at the Marshfield Branch Experiment Station in 1915, a selection from Early Java. The specific object in view was to get a wheat that would have a strong resistance to rust and this strain is outstanding in that respect.

Prices, Standard Seed, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: pk., 90c; bu. (60 lbs.), \$2.75; 3 bus. at \$2.70.

WINTER WHEAT

Wisconsin Pedigree No. 2

Hardest and best winter wheat. Write for prices in August.

BUCKWHEAT

Sow buckwheat from June 10 to July 10, one bushel (50 lbs.) per acre.

Buckwheat yields heaviest on well drained sandy loam soils, but will also give fair results on soils too poor for most other crops. It matures in about seventy days and ripens best in the cool weather of early fall. Therefore, June and July plantings in the North are most satisfactory. The Japanese type of buckwheat is more vigorous, withstands more drought, and produces better yields than the Common.

JAPANESE. Large, of dark brown color. Higher in market than Common.

Prices, by mail: Lb., 30c; 5 lbs., \$1.20, postpaid. By freight: Pk., 90c; bu. (50 lbs.), \$2.75; 10 bus. at \$2.70.

COMMON. Prices, by freight: Pk., 85c; bu., \$2.60; 10 bus. at \$2.55.

FLAX

(Sow 50 to 75 pounds to the acre.)

Flax is a cool weather crop grown in the northern states. It is used mostly for its fibre and also for its seed which is ground and included in feed. When grown for fibre, moist or under-drained and fairly rich loam is required. When produced for seed less fertile soil and moisture are required.

REDSON FLAX

Redson is a new variety of flax which has been approved for certified seed production by the Wisconsin College of Agriculture and the Wisconsin Experiment Association. It has special merit with respect to yield and quantity of oil. In tests in Wisconsin and a number of neighboring states, it has averaged higher in acre yield in most places than the best of the old varieties. It has a strong stand and matures early. Very resistant to the wilt disease. Prices, Certified Wisconsin, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight: Pk., \$2.65; bu. (56 lbs.), \$8.00; 3 bus. at \$7.90.

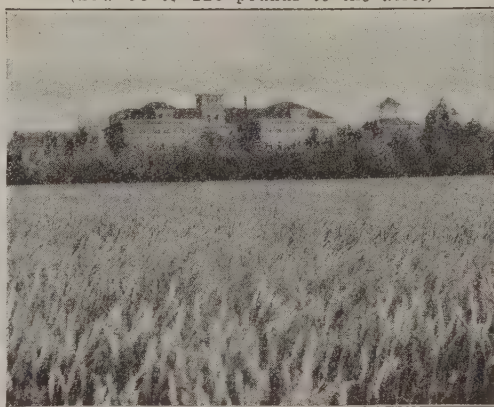
COMMON FLAX. Good, clean, bright seed. Recommended for growing on soils that have not previously grown a crop of Flax.

Prices, by freight: Pk., \$1.65; bu. (56 lbs.), \$5.05; 3 bus. at \$5.00.

WINTER RYE

Wisconsin Common.

One of the best fall nurse and cover crops. Often planted in the fall for plowing under in the spring as a green manure crop. Write for prices in August.



A Field of Spring Wheat.

RIVAL WHEAT

A popular northwestern bearded wheat developed by the North Dakota Experiment Station. It is rust and smut resistant and also highly heat resistant. A few days later than Thatcher, but taller and a heavier yielder. Grain is large, plump, and fine for milling. Rival is taking the place of Thatcher and Marquis which we formerly listed, as it is superior to both.

Prices, Standard Seed, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: Pk., 95c; bu., \$2.85; 3 bus. at \$2.80.

STURGEON WHEAT

Wisconsin Pedigree No. 27-4.

A new wheat for Wisconsin which will out-yield and produce a heavier percentage of flour yield than either Marquis or Progress. From the bread-making standpoint Sturgeon is equal to any wheat offered today. Sturgeon Wheat originated by a cross made between Progress and Marquis at the Peninsula Branch Experiment Station at Sturgeon Bay. Progress was used because of its resistance to stem rust and Marquis for its bread-making value. Several hundred crosses were made at Ashland and Sturgeon Bay Stations and thousands were selected and tested for their yields and finally tested for breadmaking. With the exception of the new Sturgeon, all crosses were discarded. According to results of five years' trials, Sturgeon is fully as good producing as Progress. Milling and baking tests for four consecutive years proved it to be a consistent, good bread-making wheat, equal to Marquis in that important character. The outstanding qualities of Sturgeon Wheat are heavier yield, earlier maturity, and better baking. It is also resistant to stem rust.

Prices, Standard Seed, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: Pk., 90c; bu., \$2.75; 3 bus. at \$2.70.

RED DURUM WHEAT

This wheat is used entirely for feed and is not a milling wheat. It is a heavy yielding rust-proof Durum Wheat and is excellent for poultry. A very early variety that will ripen with oats making it excellent for succotash.

Prices, Fancy Northern, by mail: Lb., 25c; 5 lbs., \$1.00, postpaid. By freight: Pk., 85c; bu., \$2.60; 3 bus. at \$2.55.

WHITE CANADA FIELD PEAS

White Canada is the best known and most popular variety of field peas. Sow 1 to 1½ bushels per acre broadcast with the same amount of oats. Another good mixture recommended by leading county agents is ½ bushel each of Field Peas, State's Pride Oats, Barless Barley and Progress Wheat.

Prices, by mail: Lb., 40c; 5 lbs., \$1.75, postpaid. By freight: Pk., \$1.85; bu. (60 lbs.), \$5.50; 3 bus. at \$5.40. Sacks included.

WHITE MARROWFAT. See No. 340, page 21.

SPRING RYE

(Sow 70 to 98 pounds to the acre.)

Spring Rye is a valuable crop. It should be more largely sown. Here are some of its good qualities:

First. It can be sown late in the spring, later than other spring grain.

Second. It is a splendid nurse crop for clover, as the crop is harvested early.

Third. It does well on nearly all soils and can be grown on very poor land.

Fourth. It is a sure cropper, producing ordinarily 30 to 40 bushels per acre.

Write for prices.

WHITE WINTER RYE

Wisconsin Pedigree No. 6.

A new strain of winter rye recently released by the Wisconsin Experiment Station. Its strong feature is its very light color, almost pure white. The Pedigreed White Rye was the result of an effort to get a nicer appearing rye than we had in the old Pedigree Schlansted and meet the expectations of millers and bakers who prefer lighter colored ryes.

This new rye is just as good a yielder if not better than the old Wisconsin Pedigree and it has a big advantage in quality. It is also shorter in straw. We recommend it as the best in rye.

Prices—Write for prices in season.

MAMMOTH RUSSIAN SUNFLOWER

A great feed for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a much larger amount of feed than ensilage corn. Prof. E. J. Delwiche of the Ashland Experiment Station, reported that Sunflower greatly outyielded corn, yielding 14.4 tons of silage per acre, corn only 4.22 tons.

Prices: By mail, oz., 10c; ¼ lb., 25c; lb., 75c; 3 lbs., \$2.10; 5 lbs., \$3.25, postpaid. By freight: 10 lbs., \$3.70; 100 lbs., \$32.00. Sacks free.

PLANT AN ORCHARD

Now is the time to start an orchard or rebuild the old one. No farm is complete without one. Old orchards on many farms are badly run down. With need for greater food production new trees should be set now. They are not an expense but an investment that pays dividends for years to come. Our trees are reasonable in price and the quality is guaranteed. See page 29.

DWARF ESSEX RAPE

Dwarf Essex Rape makes a quick pasture and is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle. It may be sown in the following ways:

First. In early spring, 5 to 10 pounds per acre.

Second. With spring grain or just as it begins to come up, 2 pounds per acre to provide pasture after harvest.

Third. With corn just before the last cultivation.

A word about the seed. We handle only the best and purest Genuine Dwarf Essex; seed that is entirely free from bird rape, mustard and everything of that sort.

Prices, by mail: Lb., 35c; 5 lbs., \$1.50, postpaid. By freight: 10 lbs., \$2.20; 100 lbs., \$18.00.



White Canada Field Peas at the Ashland Branch Station.



A Hog Pasture of Dwarf Essex Rape.

OLDS' FIELD and SOY BEANS

(Sow 120 pounds to an acre.)



A Planting of Soy Beans for Hay.

VEGETABLE SOY BEAN

See page 5.

FIELD BEANS

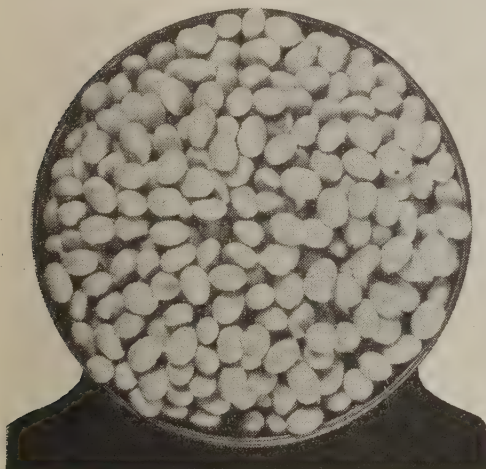
(60 to 90 pounds to the acre.)

RED KIDNEY BEANS. Used in soups, chili, and salads. Our strain is dark red. Prices, by mail: ½ lb., 30c; lb., 50c. By freight: ½ pk., \$2.15; pk., \$4.00; bu., \$12.00; 5 bus. at \$11.90.

WHITE NAVY. The popular field baking bean. Prices, by mail: Lb., 45c; 5 lbs., \$1.70, postpaid. By freight: ½ pk., \$1.10; pk., \$2.00; bu., \$6.10; 5 bus. at \$6.00. Bags free.

NEW NAVY BEAN

MICHELITE. A new variety of white navy bean, developed by the Michigan State College of Agriculture Experiment Station and first released to Michigan farmers for commercial production of seeds in 1937. It is a cross between Early Prolific, a white bean of unusual good quality, and Robust, a disease resistant white navy bean previously developed at that station. It combines the good features of both parents: resistance to Mosaic, resistance to field infection of bacterial blight or wilt and vigorous productivity. Its remarkable quality by its uniformity in size, shape and its glossy white seed coat combined with its great yielding ability makes Michelite superior to all other varieties as a commercial bean. The Wis. Experiment Association had Michelite in trial with commercial strains and Great Northern at the Hancock Station this past season and it outyielded all other varieties in test from 2 to 6 bu. per acre, and is 2 to 3 days earlier. We urge all of our customers growing navy beans as a cash crop to grow the Michelite for greater profits. Prices: ½ lb., 30c; lb., 50c, postpaid. By freight: ½ pk., \$1.65; pk., \$3.00; bu., \$9.00.



Michelite Beans just as they came from the combine.

WHY GROW SOY BEANS?

- First. They yield large amounts of high protein forage, rich in feeding value. They not only make splendid hay, but are wonderful for silage, grown with corn.
- Second. They contain as much fertility per acre as eight loads of stable manure.
- Third. The mature beans ground into meal make wonderful high protein dairy feed.
- Fourth. Soy beans are more resistant to frost than corn and they also stand hot weather.
- Fifth. They are adapted to nearly all soils and are especially valuable on sandy soils.
- Sixth. They are the only legume crop that will grow on acid soils and build up the land.
- Seventh. They make a wonderful emergency crop when clover fails or when other crops are washed out or fail for any reason, as they can be put in late.
- Eighth. With the establishment of soy bean processing plants in territories where soy beans grow, it gives the farmer an additional cash crop.
- Ninth. Grain will not deteriorate in value when the crop stands a considerable time after maturity. This helps to distribute the labor load during harvest time.

HOW TO PLANT SOY BEANS

While soy beans in Wisconsin are mostly put in for a hay crop, many farmers are planting with corn for silage or early kinds as a cash crop. Mix the beans with the corn, planting both at the same time, using fully as many beans as kernels of corn, or better yet, as many pounds of beans as there are pounds of corn. Where the beans are sown alone by drill or seeder, which is the way they are largely put in, use two bushels of seed per acre but then even a little more than that is better. On old soils rowing and cultivating will make friends for the crop, putting in either with corn planter or with drill with part of the spouts closed. Handled this way there will be a great saving in the cost of the seed as one bushel per acre is enough instead of two bushels. On new soils the solid planting is all right but on old soils weeds are apt to bother.

Do not plant too early. Never before corn planting time, or even later. Often as late as June 20th is all right. Shallow covering is best and above all, inoculate the seed before planting. See page 59.

WISCONSIN MANCHU NO. 606 SOY BEANS

This is a selection of Manchu made at the Spooner Branch Experiment Station. About a week earlier in maturing than Manchu No. 3 and the earliest and best for seed production in the northern parts of Wisconsin. The yellow beans and the plant are similar to Manchu. Prices, by freight: ½ pk., 60c; pk., \$1.00; bu., \$3.00; 10 bus. at \$2.95. Sacks free.

WISCONSIN MANCHU NO. 3 SOY BEANS

A selection by the Wisconsin Experiment Association of the Manchu Soy Bean. In appearance it resembles the Manchu. We think it the best medium season soy bean. It ranks as the best in this section for quality and yield. Its high oil content makes it a desirable commercial soy bean. Good seed production in southern Wisconsin. Prices, by freight: ½ pk., 60c; pk., \$1.00; bu., \$3.00; 10 bus. at \$2.95. Sacks free.

WIS. CERTIFIED MANCHU NO. 3. Packed 2½ bu. to bag. \$8.75 per bag.

ILLINI SOY BEANS

Illini, a yellow variety, was developed at the Illinois Experiment Station from the old A. K. We sell nearly as many Illini as Manchu. It seems to grow a little taller than Manchu, giving a heavier yield while in season it is hardly any later. Some think it is even earlier. Just as desirable in every other way and we would say better for hay in Wisconsin than Manchu. Prices, by freight: ½ pk., 55c; pk., 95c; bu., \$2.85; 10 bus. at \$2.80. Sacks free.

MANCHU SOY BEANS

Manchu is the best known and most popular variety of medium sized yellow soy beans in Wisconsin as well as in most other central west states. It is medium early in season, early enough to fully mature dry beans under ordinary conditions in southern Wisconsin and northern Illinois and large enough to be of real value. The dry beans mature in about 105 days. Prices, by freight: ½ pk., 55c; pk., 95c; bu. (60 lbs.), \$2.85; 10 bus. at \$2.80. Sacks free.

SUDAN GRASS

(Sow 35 pounds to an acre.)

Sudan Grass is proving a mighty valuable crop for Wisconsin. Sudan Grass is a good emergency hay crop. No crop quite equals Sudan Grass for a late pasture and hay crop.

Here are five reasons why Sudan Grass is of such great value:
First—Yield. It makes a heavy yield of hay, outranking all the millets in yield per acre. Yields of two to four tons of cured hay per acre from one cutting are common in Wisconsin. Two cuttings a season can often be made.

Second—Quality. It makes a better quality hay than millet. It makes wonderful hay grown with soy beans and helps to cure them.

Third—Late Sowing. It can be sown late, after you are through with your corn, or when corn fails. Sow any time from May 20th to June 20th, or even a little later. Do not sow too early. It is strictly a warm weather crop and if put in too early the seed will rot. Sow not less than 35 pounds of seed per acre and a drill is better than a seeder for putting it in.

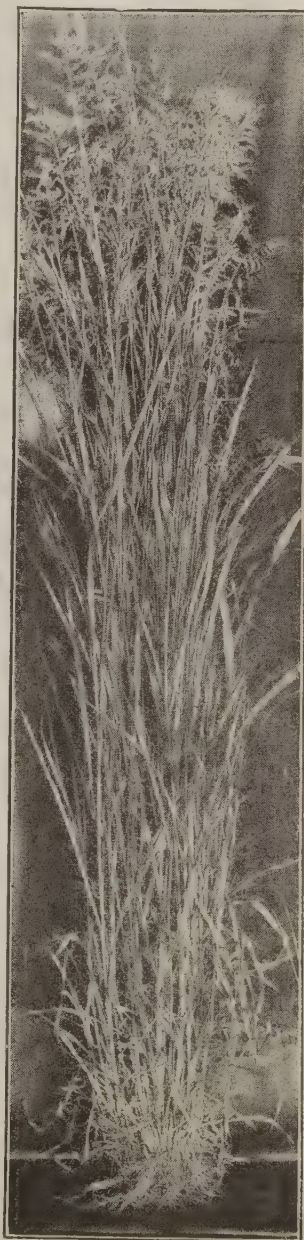
Fourth—Drought Resistant. It withstands long periods of drought continuing to grow when most everything else is dried up.

Fifth—Quack Killer. It is valuable as a smother crop, especially for quack and Canada thistle.

In addition to all the above five good qualities and most important of all Sudan Grass can be pastured. After the hay crop is taken off it makes a fine late pasture as it grows up again quickly. Or, it can be pastured all the season instead of being cut for hay. It is also great for late pasture. Sown the last of May or first of June it is ready the middle of July when the blue grass pasture is dried up.

We recommend Sudan Grass most highly. It grows quickly, produces enormously and is an easy crop to handle. It is strictly an annual, dying at the end of the season.

Prices: Lb., 40c; 5 lbs., \$1.75, postpaid. By freight: 10 lbs., \$1.85; 100 lbs., \$15.00. Sacks included.



Sudan Grass.

OLDS' CERTIFIED SEED POTATOES

(Plant 8 to 12 bushels to the acre.) Bushel = 60 lbs.

EARLY VARIETIES

WHY PLANT CERTIFIED SEED?

First. Let us quote from a 1943 Wisconsin College of Agriculture bulletin:

FARM AND HOME MEETINGS, 1943

"Wisconsin farm people generally are getting nowhere near the number of high quality potatoes they should from their farm potato patches. Much of the trouble is caused by bad seed.

"Those two facts are borne out by College of Agriculture tests. On 15 farms where tests were conducted, certified seed outyielded the homegrown variety 14 times. The three highest yields—210, 180 and 179 bushels to the acre—came from certified seed. The three lowest—45, 61 and 71—were produced from homegrown seed.

"Homegrown varieties alongside of certified seed, found the homegrown seed invariably run out and full of disease.

Second. It is pedigreed seed. Note requirements it must pass to be sold as Certified.

WISCONSIN CERTIFIED STOCK. The seed fields must be inspected at least twice while growing in the fields by an official State Inspector and again in the bin after being dug, and both times pass the necessary requirements. The fields must be sprayed for disease on the order of an official inspector. The stock must be practically 100% pure in type, must be free from late blight rot, blackleg, powdery scab, leaf roll, tuber moth, Sclerotium Rolsfi Wilt, potato wart, ring rot, brown rot, and conform reasonably to the correct vine and tuber characteristics of the variety. The seed used in planting the crop must be proven certified seed that has a history starting from carefully selected plants, true to type and free from mixture. Complying with all the above requirements, the potatoes are eligible for certification and are placed in official branded bags and sealed with official tags. In less than full bags, orders are filled in our bags and with our labels. Why gamble a crop on poor quality seed when certified seed is so reasonably priced and will pay big profits in increased yields?

DON'T PAY SEED PRICES for TABLE STOCK

The L. L. OLDS SEED COMPANY has had a nation-wide reputation for years with its seed potatoes. We began with nothing but seed potatoes 57 years ago and have made a specialty of them ever since. If you are not already using our Certified Seed, this is the year to change to good seed. Ordinary table potatoes are high and with price ceilings now in effect on seed stock, Certified Seed is a greater bargain than ever before.

EARLY OHIO

Most Popular Home Garden Potato

The well-known, dependable, all-around, early variety.

Early Ohio has long been the most popular early potato in the country. Its earliness, smoothness and shallow eyes are its outstanding features. Everyone knows what it is, and knows that it can be relied on for an early market variety in almost every locality. One of the best potatoes for frying.

Our illustration shows just how Olds' Famous Improved Early Ohios look. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them.

We have only certified stock of Red River Early Ohios. Prices, Minnesota Blue Tag Certified Stock: Pk., 95c; bu. (60 lbs.), \$3.65; 1½ bu. (90 lbs.), \$5.20; 500 lbs. at \$5.40 per 100 lbs.

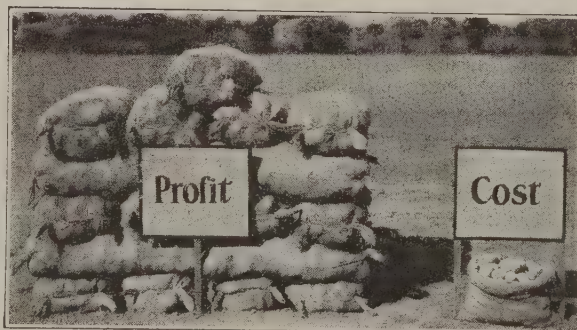


Red River Early Ohios.

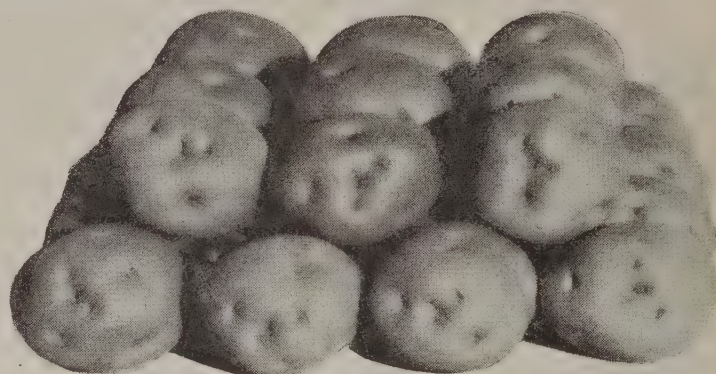
TREAT SEED POTATOES WITH SEMESAN BEL.

Tests in 15 states have proved that most potato growers can usually expect better returns from seed potatoes if they treat them with Semesan Bel. Costs only about 21c an acre—generally reduces seed-piece decay, seed-borne scab and Rhizoctonia. No mussy soaking—just dip, drain, dry and plant! One pound treats 60 to 80 bushels of seed. Prices: 2 oz., 30c; 1 lb., \$1.65, postpaid. — Not prepaid, 5 lbs., \$7.15; 25 lbs., \$33.25; 100 lbs., \$125.00. Sizes and prices subject to change.

Order your insecticides now to be shipped with your potatoes and save extra transportation cost. See page 74.



For better yields treat seed with Semesan Bel. Only 0.4 bushels of the average yield increase of 35.4 bushels were required to pay for the Improved Semesan Bel, leaving a return of 9,830 per cent on money invested!



Early Irish Cobblers.

EARLY IRISH COBBLERS

Most Popular Early White Variety

Early Irish Cobblers seem to continue to increase in popularity. People like a white potato. It is famous now the country over. At first it was largely grown for the early market by the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States and it is a standard, well-known variety now nearly everywhere.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Early Ohio. It usually outyields Early Ohio although not quite as early.

The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

Prices, Wisconsin Certified Stock: Pk., 90c; bu., \$3.50; 1½ bu. (90 lbs.), \$4.95; 500 lbs. at \$5.10 per 100 lbs.



Red Warba.

NEW EARLY RED WARBA

Earliest of All Potatoes

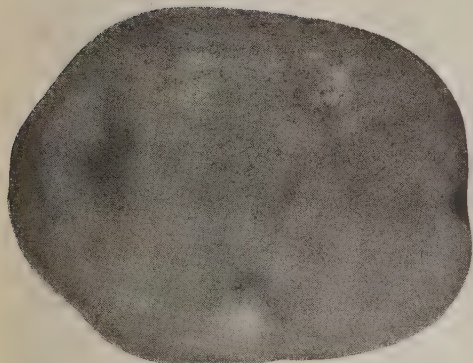
The Red Warba was developed by Dr. Krantz of the University of Minnesota and was introduced in 1937.

Red Warba is the earliest variety grown in America. It matures ten days earlier than Triumph and Ohio and two weeks earlier than Cobbler. It has a vigorous sprout which has a tendency to emerge quickly through the soil after planting. The plants are stocky and rugged and they produce a heavy set of tubers. The eyes, while deep, are not noticeable.

Some of the potatoes have a cream colored marbling on the deep red tubers which seems to be an advantage rather than an objection. Cooking tests over a period of four years at the Wisconsin College of Agriculture of tubers taken from nine separate potato producing areas proved that it had a definite tendency to cook white and mealy. Very little hollow heart was found in this variety. This variety is also definitely resistant to mild mosaic under field conditions, a disease that seems to be susceptible to most early varieties. It keeps and stores better than any of the other early varieties. As an early market variety, it has no equal.

Prices, Minn. Certified Stock: Pk., 95c; bu., \$3.65; 1½ bu. (90 lbs.), \$5.20; 500 lbs. at \$5.40 per 100 lbs.

LATE OR MAIN CROP VARIETIES



Chippewa.



ORDER POTATOES
EARLY.

Prices for 1944: All prices quoted are for shipment in April, f. o. b. our Madison warehouse. Bags are free.

CHIPPEWA

The new, heavy yielding midseason potato

A late potato recently introduced by the U. S. Department of Agriculture which in trials has proven outstanding for the northern states. It is resistant to mild mosaic and a heavy yielder. The Grand Rapids Station reports a yield of 464 bushels to the test plot. Mr. R. L. Donovan of the Grand Rapids Station states that Chippewa will replace the old standard varieties and outyield them by a large margin. We recommend it to Wisconsin potato growers as it is earlier than Green Mountain and other late potatoes and is a handsome potato and a heavy yielder. The skin is velvety white, has shallow eyes and is oblong in shape. Since we first introduced this new potato, our sales have greatly increased each year. It is probably the heaviest yielding potato on our list. Seldom has hollow hearts and always cooks up white.

Prices, Wisconsin Certified: Pk., 90c; bu., \$3.50; 1½ bu. (90 lbs.), \$4.95; 500 lbs. at \$5.10 per 100 lbs.

POTATO EYES



Customers who want just a few hills of potatoes or who live a long distance from Madison and find the transportation cost on potatoes excessive can try our Certified Seed by ordering the eyes.

We furnish potato eyes in boxes of 160 eyes each, labeled and carefully packed in damp moss in wax paper. Orders will be filled at the right time.

HOW TO PLANT. Plant two eyes to the hill 5 inches deep in rows 3 feet apart and 1½ feet apart in the rows.

PRICES OF EYES

160 eyes (one box), one variety, your selection, \$1.25, by mail, postpaid.

160 eyes (one box), two varieties, your selection, \$1.45, postpaid.

160 eyes (one box), four varieties, \$1.50, postpaid.

320 eyes (two boxes), one variety, your selection, \$2.30, postpaid.

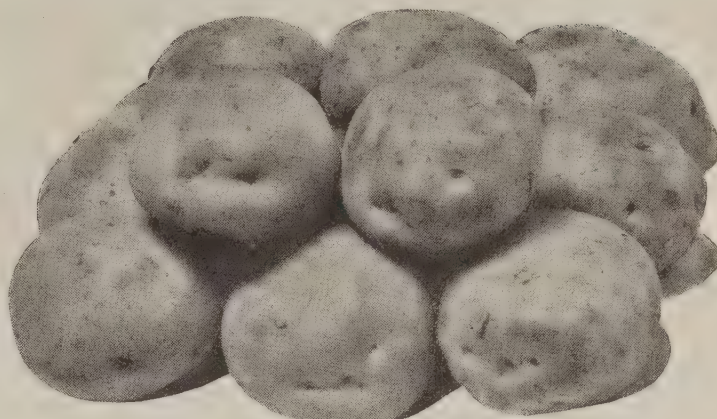
480 eyes (three boxes), any variety, \$3.00, postpaid.

POTATOES

BY MAIL

All prices quoted are f. o. b. Madison. If wanted by mail postpaid, which is usually cheaper on pecks, add postage when ordering. See postage table on order blank.

NOTE. Orders for ½ bushels will be filled at ½ the bushel price.



Blight Resistant Sebago.

SEBAGO

New Blight Resistant Late Potato

A new late potato introduced and released in 1937 by the United States Department of Agriculture at the Potato Breeding Station at Presque Isle, Maine, from a cross between Chippewa and Katahdin. During a period of about five years, prior to its introduction, it exhibited remarkable resistance to late blight tuber rot caused by one of the most serious Potato diseases, known as *Phytophthora Infestans* which was the disease that caused the crop famine in Ireland in 1845. From 1938 to 1941, the Wisconsin College of Agriculture carried on extensive tests in nine different Potato-producing counties. These years the blight was unusually severe, but Sebago showed only 5% Blight Tuber Rot whereas the other standard sorts showed as high as 75 to 85% tuber rot. Recent tests also show that this variety is highly tolerant to Potato Hopperburn caused by the Potato Leaf Hopper. Wisconsin College of Agriculture Potato Specialists have found the Sebago is definitely resistant to the Yellow Dwarf disease which often causes heavy losses in the sandy soil regions of Wisconsin, Michigan and Minnesota. Its yielding ability is about the same as Russet Rural or Cobbler. Cooking tests show the variety to cook up white where under the same conditions standard varieties cooked black.

The tubers are very similar to Chippewa—white, thin skinned, shallow-eyed, and oval to oblong in shape. Vines are large, definitely upright in growth habits. During hot weather it has a tendency to roll its leaves which cause it to resemble the Leaf Roll Disease. This, however, has no connection with the disease. In season it is definitely a late potato. It sets its tubers several weeks earlier than Rural, but the vines remain green just as long and sometimes longer. Because of its fine quality and thin skin, it is quite susceptible to Scab. Plants set heavy with tubers and therefore it requires a fertile soil. Undoubtedly the demand will exceed the supply again, so order early.

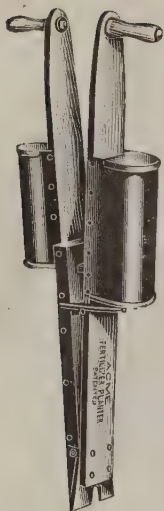
Prices, Wisconsin Certified stock: Pk., 90c; bu., \$3.50; 1½ bu. (90 lbs.), \$4.95; 500 lbs. at \$5.10 per 100 lbs.



Rural New Yorker.

RUSSET RURAL NEW YORKER

In appearance, size and yield, the Russet Rural is very similar to the White Rural New Yorker, the only difference is that the skin is slightly russet and tubers in shape are more flat and a trifle shorter. Growers claim that the Russet has a little better quality than the White, and are more popular on some markets. An old variety that is losing its popularity rapidly to the new Chippewa and Blight Resistant Sebago varieties. Resistant to Hopperburn. Like the White Rural it sometimes cooks up dark. The shallow eyes and attractive appearance make it popular on the market. Prices, Wisconsin Certified: Pk., 90c; bu., \$3.50; 1½ bu. (90 lbs.), \$4.95; 500 lbs. at \$5.10 per 100 lbs.



CORN PLANTER No. 306A

Will plant up to six acres per day. All working parts steel including stripper. No brushes to wear out or heavy cast iron to carry. Same as No. 308A but without Fertilizer Attachment. Price: \$1.35; by mail, \$1.50.

CORN PLANTER WITH FERTILIZER ATTACHMENT No. 308A

An accurate, time-saving combination. Adjustable to any quantity desired. No contact between corn and fertilizer. No clogging or cracking. Our most popular seller. Price: \$2.50; by mail, \$2.65.

ROTARY CORN PLANTER No. 309A

Full rotary adjustable seed plates. Plants corn, peas, beans and similar seeds as fast as you walk. Adjustable depth gauge. Easily operated—just like a walking cane. Price: \$2.50; by mail, \$2.65.

POTATO STICK PLANTER No. 300A

Jaws of special rolled steel treated with rust preventing solution. Has malleable iron trip lever. Effective on all soils. Price: \$1.15; by mail, \$1.30.

HOTKAPS

Hotkaps are little hothouses that protect early set plants against storms, wind, frost, insects, birds and worms. Made of scientifically waxed paper. See page 26 for illustration and description. Home garden pkg. of 25 Hotkaps and Cardboard Setter, only 60c, postpaid.

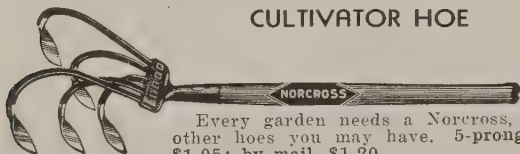
No. 308A
With Fert.
Att.

NEW DU PONT WEED KILLER

Du Pont Weed Killer is based on a new industrial chemical, Ammonium Sulfanate, which is non-poisonous and free from explosion or fire hazards. It has proven very effective by test for the following plants: poison ivy, poison oak, wild blackberries, blueberries, chokecherries, ragweed, Russian thistle, sow thistle, prickly lettuce, Groundwell, hoary cress and Canada thistle. One pound will make at least one gallon of spray. Ask for leaflet.

Prices: Lb., 50c; 3 lbs., \$1.25; 5 lbs., \$2.00, postpaid. By freight: 50 lbs., \$12.00; 100 lbs., \$22.00.

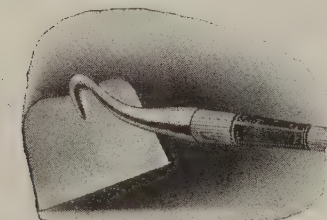
CULTIVATOR HOE



Every garden needs a Norcross, no matter what other hoes you may have. 5-prong, 4-foot handle, \$1.05; by mail, \$1.20.

CHILDREN'S 3-PIECE GARDEN SET

We were fortunate in carrying over a few hundred children's 3-piece garden sets which were manufactured before the war. The little tots like to imitate their elders and this little set composed of rake, hoe and spade will afford them hours of pleasure. Sold while supply lasts at our pre-war price of 20c per set, postpaid.

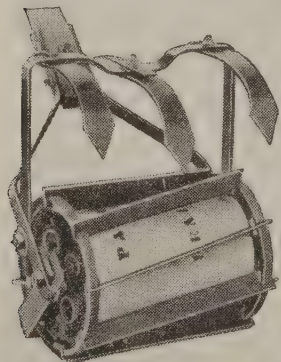


960 1/2 A FIELD AND GARDEN HOE

Six and one-half inch high carbon steel blade with one-third polished. 4 1/2 ft. handle set in socket which gives the handle strength where strength is needed. Each, 75c; by mail, 90c, postpaid.

CYANOGEN FOOT DUSTER

A powerful foot duster for Cyanogas. Works like a tire pump. Hose is extended into the burrows of rodents and one or two pumps applied to the handle. Corrosive parts are made out of plastic and metal parts are heavily painted. Removable glass jar at the bottom of the pump holds the material. Control valve regulates proper air pressure. We do not recommend this duster for garden use as it is designed for the use of Cyanogas only. Price by express, each, \$7.50.



V-179 PRUNER

One-piece carbon steel drop forged polished blades ground and set to cut clean, 9 inches. Each, \$1.00, postpaid.

Olds' Bulb and Plant Dibble

A handy tool for setting bulbs and plants. Wood handle with 4-inch steel point. Each, 65c, postpaid.

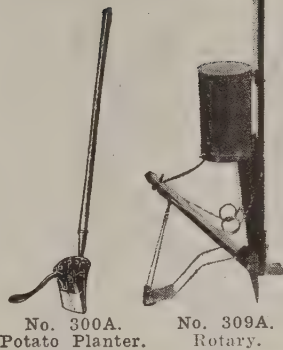
BARKER WEEDER, MULCHER and CULTIVATOR 3 TOOLS IN ONE

GARDENING IS EASIER WITH A BARKER

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes.

No. 8 1/2-inch Barker. 8 1/2-inch cut. A favorite in the family garden. Weight, 15 lbs. Price, by express, \$8.95.

Barker Weeder.



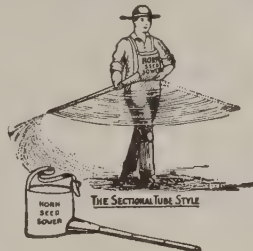
No. 300A.
Potato Planter.

No. 309A.
Rotary.



CYCLONE SEEDER

The Cyclone has a national reputation as a high-grade seed sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly and may be quickly adjusted for different seeds. Price, \$2.75, postpaid.

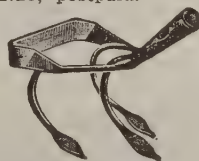


HORN SEEDER

Horn Seed Sower. Fits together like a stove pipe. Has patented improved feed gauge. Sows all small seeds any desired amount per acre and you can depend upon the brass feed gauge. Each, \$1.00, postpaid.

BORDEAUX NOZZLE

This nozzle will throw a fine fan shaped spray and by reversing the handle will readily free itself should it become clogged. Adjustable to a solid stream. Excellent for whitewash, etc. Price, \$1.25, postpaid.



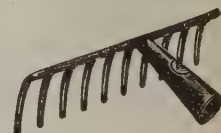
1523A—GARDEX CULTIVATOR AND WEEDER

Cultivate and weed with only one tool. An important tool for every gardener. Three-prong cultivator loosens soil thoroughly while the weeding blade cuts off weeds quickly. One tool for two purposes. Three prongs 4 1/2 inches wide. Weeding blade 4 inches wide. Price, \$1.25; by mail, postpaid, \$1.40.



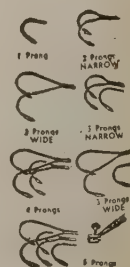
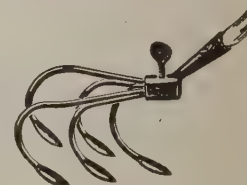
No. 251A—GARDEX CURVED TOOTH RAKE

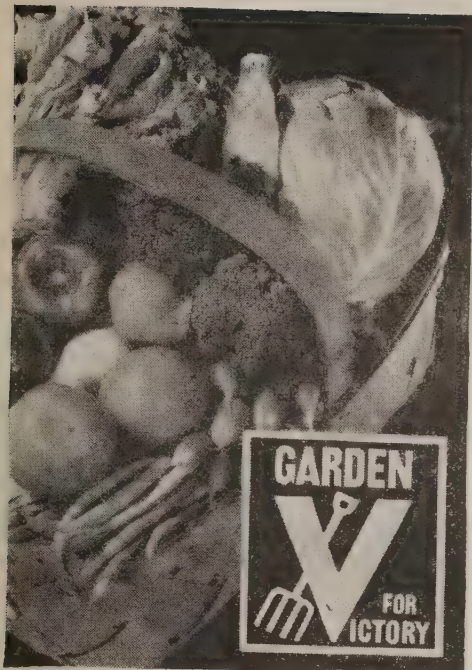
You will not lose your temper with this all steel T shaped rake. It will get into the smallest spaces around shrubbery and is nicely balanced. The handle is set in a socket which does not allow the handle to wobble. Ideal for both lawn and garden. While the rake illustrated has only 10 teeth, the stock we have to offer has 14 teeth with a 5 ft. handle. Each, \$1.00; by mail, \$1.20, postpaid.



1605A—INTERCHANGEABLE GARDEN CULTIVATORS—Seven Tools in One

An ideal tool and the friend of many gardeners. A faithful helper for every woman who tends her own flower and vegetable garden. Loosens and air-conditions the soil in flower and vegetable gardens. The position and construction of the tines cause them to penetrate any soil easily and they loosen and aerate the ground thoroughly with an easy pulling motion. No chopping hoe can do this job so easily and neatly. No backaches, no blisters. It's a favorite tool with every gardener. Use 1 time at 3/4 inch, 3 times at 4 inches or all 5 times at 7 inches. Price, \$1.50; by mail, \$1.65, postpaid.





PROPER FEEDING IMPORTANT TO SUCCESS

You are counting on big yields of fine-flavored tender vegetables, rich in nutritional value from your garden. Your garden won't disappoint you if you sow high quality seed and be sure it is properly fed.

Vegetable plants are living things! They need many different elements from the soil for proper growth and maturity. When you feed them with Vigoro Victory Garden Fertilizer you can be sure they are supplied with all of the plant food nutrients they need. Vigoro Victory Garden Fertilizer is a full, square meal for vegetables. It is economical and easy to use. Full instructions with each bag.



VICTORY VIGORO PRICES

3-8-7	
100-lb. bag....	\$3.50
50-lb. bag....	2.25
25-lb. bag....	1.40
10-lb. pkg., 80c; by mail,	\$1.25.
5-lb. pkg., 50c; by mail,	70c.

have morale building LAWNS and FLOWERS!

Beautiful lawns and flowers are a proved tonic for war-weary nerves and tired bodies. Be sure your outdoor living room affords a velvety turf and colorful, fragrant flowers! Feed them with regular Vigoro! Again available for lawn, flower, shrub and tree feeding.

VIGORO

COMPLETE PLANT FOOD

Regular Vigoro Prices

Prices f. o. b. Madison—	
100-lb. bag, \$4.00; 50-lb. bag,	\$2.50; 25-lb. bag,
\$1.50.	
10-lb. pkg., 85c; by mail,	\$1.10.
5-lb. pkg., 45c; by mail,	65c.
1-lb. pkg., 10c; by mail,	20c.

PLEASE NOTE: Victory Vigoro by Government Order can be used for food production only. Regular Vigoro can be used for lawns and flowers.

SWIFT'S RED STEER FERTILIZER

Prices on fertilizer are f. o. b. our warehouse, terms net cash. All deliveries are subject to price in effect at time of delivery and Government regulations.

PLEASE NOTE. Revised production order No. 5 requires that on all orders for fertilizers in amounts of over 250 lbs. the buyer must fill a duplicate application blank. One copy is retained by the buyer and the other copy by the seller. We have these blanks available and will mail them upon request to customers who intend to place an order with us for amounts greater than 250 lbs.

Nit.	APA.	Pot.	Per Ton
4	10	6	\$34.58
4	12	12	38.29
2	12	6	32.21
0	14	7	30.59
0	12	12	32.87
0	10	20	37.34
0	20	0	27.36

SWIFT'S SHEEP MANURE

Pulverized Sheep Manure is a natural, organic fertilizer for lawns, gardens, window boxes, plants, shrubs, trees. Contains humus which is ideal for sandy and clay soils. Prices: By frt., 10-lb. bag, 50c; 25-lb. bag, 75c; 50-lb. bag, \$1.25; 100-lb. bag, \$2.25; 2,000 lbs., \$36.00.

LIMESTONE

A fine grade of lime to correct soil acidity. Prices: By frt., sack (about 95 lbs.), 60c; 5 sacks, \$2.00; 2,000 lbs., \$7.00.

THIOSAN

A new organic fungicide, developed by Du Bay for control of brown patch and dollar spot on fine turfs of golf greens and lawns. An outstanding and desirable quality of Thiosan is its tolerance by bent grass and most other grass foliage. One to two pounds treat 6,000 square feet of turf. Dis-

perses readily in water for application by sprayer.

Prices: 5-lb. can, \$6.45; by mail, \$6.65; 25-lb. drum, \$30.00; 100-lb. drum, \$115.00.



FEED HOUSE PLANTS

VIGORO TABLETS

Vigoro, the complete, 11-element plant food, is now available in handy tablet form for house plant and window box use. Order a box—24 tablets. Price, 15c, postpaid.

FRUITONE

REG. U. S. PAT. OFF.

Fruitone, the hormone spray for stopping premature drop of fruit, flowers and leaves. When sprayed on flowers of tomatoes or beans it produces better set and larger crop. Prevents premature drop of apples and pears. Makes hollies and other Christmas greens hold their leaves longer. 2/5-ounce packet, 25c; 2-oz. pkg., \$1.00; 12-oz. can, \$5.00, postpaid.



PLANT HORMONES AND VITAMINS

Chemistry has now provided the gardener with tools as important to the successful growing plants as are the rake, hoe and spade. These tools are in the form of hormones and vitamins that invigorate all types of plants and that stimulate root-growth so that plants thrive better, are more drought-resistant and produce better flower, fruit, and leaf.

TRANSPLANTONE

A vitamin-hormone stimulant for rooted plants. It contains not only vitamin B-1 but also the most effective plant hormones and other vitamins so that it works on more kinds of plants and in a much wider range of soils than B-1 alone.

A soluble powder applied in water solution to the soil around the roots of plants, shrubs, trees, and seedlings. It increases root growth and carries the plant over the shock of transplanting.



ECONOMICAL AND EASY TO USE. One ounce dissolved in water will make 10 gallons of transplant solution or 1,000 gallons of solution for weekly watering. Simple, complete instructions in every package. 1/2 oz., 25c; 3-oz. can, \$1.00, postpaid.

ROOTONE

The plant hormone powder for quicker rooting of cuttings and seeds. Dip your cuttings in the dry powder, then plant.

Dust your seeds with the Rootone powder for faster germination and heavier root growth. This is particularly worth-while on grass, as it gives a heavy turf in a much shorter time.

2-ounce jar treats 3,000 cuttings or 20 pounds of grass seed. Prices: 1/4-oz. pkt., 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00, postpaid.

VITA FLOR

A ready-mixed stock solution. It is helpful in stimulating root growth, thereby producing larger, more beautiful flowers. An excellent aid for transplanting. No mixing—no refrigeration. Comes in handy "eye dropper" bottle. Prices: 1/4-oz. bottle, 35c; 1-oz. bottle, 70c, postpaid.



IMPORTED PEAT MOSS

Fine Horticultural Grade.

Poor soil texture can now be easily remedied by incorporating peat moss in the soil. It prevents clay soil from baking and sandy soil from drying out. Don't suffer disappointments because your soil texture is poor. Peat moss is more absorbent than a sponge and is a soil conditioner but not a fertilizer. Makes the finest mulch for plants and bulbs. Fine for rock gardens. Prices: By freight, 1-bu. sack, 70c; 3-bu. sack, \$1.40; bale (about 22 bu.), \$4.95. Shipping weight 7 lbs. per bushel.



INSECTICIDES FOR EVERY PURPOSE

NOTICE. BULK LOTS ARE NOT QUOTED POSTPAID. IF WANTED BY MAIL SEND EXTRA MONEY FOR POSTAGE. SEE POSTAGE TABLE ON ORDER BLANK.



ACME SCIENTIFIC ROSE SPRAY

A "system" of spray treatment for roses and flowers of all kinds. Eliminates guesswork. Each set contains three separate items—A, B, and C—each scientifically made to combat one of the three major classifications of blight and insect pest. Mix all three together with water. Use regularly. Result: complete all-around protection. Surprisingly economical.

Sizes	Amount of Spray	Number of Roses Protected All Season	Postpaid Prices
No. 3	12 qts.	7 to 12 bushes	\$0.95
No. 6	24 qts.	15 to 25 bushes	1.50
No. 24	96 qts.	60 to 100 bushes	4.00



ACME LIME SULPHUR

A standard 33° Baume lime and sulphur converted into a dry powder having all the effectiveness of a liquid product

when dissolved in water. For dormant spraying against scale, peach blight, leaf curl, and twig borer. For summer spraying against scab, soot, blotch, red spider and mite. Prices: 1 lb. jars, 36c; by mail, 45c; 12½ lb. bags, \$1.65.



ACME PARIS GREEN

Strongest and quickest-acting of all arsenical insecticides. Used on hardy foliage such as potatoes, cotton, tobacco, and in insect baits where extreme measures are necessary.

Prices: ¼ lb., 20c; 1 lb., 55c; 5 lbs., \$2.35, postpaid.



ACME CALCIUM ARSENATE

Of great economy and efficiency for certain chewing insects. The accepted dust for boll weevil poisoning on cotton. Also recommended on hardy foliage of potatoes and certain vegetables.

Prices: 1 lb., 26c; by mail, 35c; 4 lbs., 50c.



ACME RED RIVER POTATO MIX

Dust or Spray. A scientific formula combining a patented copper fungicide with quick-killing arsenic. Kills potato bugs quicker—drives off flea beetle and leaf hopper—prevents blight—stimulates foliage. Get top prices for your harvest. Prices: 1-lb. bag, 35c; by mail, 45c; 4-lb. bag, 85c.



ACME KOPPER KING

Kopper King is a scientific Bordeaux spray of recent discovery and revolutionary importance. Kopper King is a basic copper sulphate, neutral and insoluble, requiring no lime to keep it from burning. It can be used either as a liquid spray or combined with a carrier in making a home-made dust. It is particularly recommended for cherry leaf spot and as a repellent against flea beetle and leaf hopper on potatoes. Because no lime is required, it does a splendid job in the control of diseases affecting tomatoes where lime in any form is very detrimental. Prices: 1 lb., 40c; by mail, 50c.



ACME EMO-NIK

Here is a complete contact spray containing nicotine in its most active form with Emo, a summer oil emulsion of the highest quality. Recommended for mealy bugs, red spider, thrip, white flies, aphids, rust, mites, certain scale insects, and other garden pests. We feel Emo-Nik is superior to other similar compounds because the nicotine found therein is free nicotine which is soluble in oil and not soluble in water. Prices: 4½ oz., 35c; pt., 65c, postpaid.

SLUG SHOT.

Hammond's Slug Shot for currant worms, potato bugs, cabbage worms, etc. A fungicide as well as insecticide. A reliable remedy used for years the country over, and considered by many the safest, most effective, easiest to use and most economical general purpose insecticide-fungicide.

Prices: 1-lb. carton with sifter top, 30c; 5 lbs., \$1.20, postpaid.



ACME WETTABLE DUSTING SULPHUR



An improved dusting sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreen, and mildew, leaf spot, black spot, and rust on rose bushes, chrysanthemums, snapdragons, carnations and certain other foliage. 98% passes through a 325-mesh screen. An excellent chigger chaser. Prices: 2-lb. sifter carton, 30c; by mail, 40c.

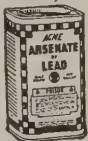
ACME BORDEAUX MIXTURE

Prevents large losses caused by blight, rot, mildew, scab, anthracnose, etc. Stimulates plant growth, increasing the harvest. Almost every kind of vegetable, fruit, and shrub can be improved by Bordeaux spraying. Prices: 1 lb., 32c; by mail, 42c; 4 lbs., 69c.



ACME ARSENATE OF LEAD

The widest used arsenical insecticide. Safe on tender foliage for the control of chewing insects on fruit trees, vegetables, tobacco, and many other plants. Controls grubs in lawns. Prices: 1 lb., 35c; by mail, 40c; 4-lb. bag, 75c; 96 lbs. in 45 for \$14.40.



ACME KOPPER SHIELD A Pruning and Tree Wound Paint

An antiseptic treatment to prevent such diseases as European canker fungus, hard rot, and certain other fungi from penetrating the wounds while the tree is naturally overcoming the shock. Covers twice as much surface as ordinary bituminous compounds. Prices: ½ pint, 30c; by mail, 35c. Pint, 45c; by mail, 55c.



FORMALDEHYDE.

For preventing smut in grain, scab on potatoes. 1 lb. (treats 40 bushels), 35c, postpaid.

TRI-GEN

The original Rose Garden Spray Treatment for the control of many insects and fungus pests. Black spot and powdery mildew are controlled by the use of TRI-GEN. TRI-GEN also tends to stimulate healthy plant growth. It is economical, easy to use and a great labor-saver because you need only TRI-GEN to give your roses the best scientific treatment. Prices: Small kit A, makes 16 quarts, protects 20 roses per season, \$1.50; medium kit, makes 64 quarts, \$4.00.



ACME APHIS SPRAY

An improved nicotine spray combining a soft spray soap with Black Leaf 40. Mixes easily with any kind of water. Recommended for aphids (plant lice), thrip, leaf hopper, and many more hardy insects infesting rose bushes, flowers, shrubs, vines, bushes and trees. Price: 3-oz. tube, 35c, postpaid.

CORONA FUNGICIDE DUST

Used for the control of blights on potatoes, tomatoes, celery, pickles, melons and many other garden vegetables and flowers. Contains no lime; cannot burn or damage foliage or fruit. From 10 to 15 per cent increase in yield over the old lime copper sprays and dusts. Prices, not postpaid, 5 lbs., 50c; 50 lbs., \$4.50.

STABILIZED "75" DUST

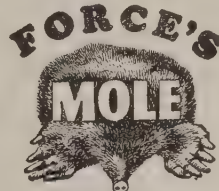
Kills by both contact and stomach action. Its highly toxic non-poisonous ingredients are thoroughly dispersed and inter-mixed to give a perfectly uniform material. Treated by Hammond's exclusive stabilization process for greater toxicity and longer toxic life.

Prices, by freight or express: 5 lbs., \$1.15; 25 lbs., \$4.00; 50 lbs., \$8.00.

PLEASE NOTE. WPB Conservation Order No. M13-33 as amended January 23, 1943, will not permit us to sell Rotenone in amounts greater than 1 lb. except for the following uses: Peas, against pea weevil and pea aphids; Beans, against the Mexican bean beetle; cold crops other than Cabbage including Broccoli, Brussels Sprouts, Cauliflower, Kohl Rabi, Mustard, Kale, Turnips, Collards, protection against caterpillars and aphids; Sweet Corn for protection against European corn borer; Cattle for the control of Cattle Grub or short nosed cattle louse. Please specify on your order the crop the material is to be used on.

ACME GARDEN GUARD

For use as a spray or dust. Non-injurious to humans and warm-blooded animals, yet effective both by contact and as a stomach poison against an exceedingly wide range of insects. It is especially recommended for use on broccoli, cabbage, cauliflower, brussels sprouts, and string beans (Mexican Bean Beetle). A favorite of the housewife for the rose and flower garden. Price: 1-lb. sifter carton, 35c; by mail, 40c.



KILLER

Money Back Guarantee.

No traps—no gas—no harm to domestic animals or birds. Force's Mole Killer Pellets are compounded from the mole's natural food. True mole food scent attracts and will positively destroy large numbers of moles. Kill the breeding stock now before they multiply. Prices: 25c for 35 pellet package; 50c for 75 pellet package, postpaid.

ACME KOPPER QUEEN (Mildew Spray)

A stainless liquid copper spray for the control of mildew, leaf spot, and black spot on rose bushes, flowers and many other kinds of foliage. Leaves no unsightly residue. A liquid spray replacing Bordeaux Mixture and Sulphur. Prices: ½ pt., 35c; by mail, 40c; pt., 60c; by mail, 70c.



KILLS APHIS ON PLANTS

One ounce of Black Leaf 40 makes six gallons of effective aphid spray. Use Black Leaf 40 on aphids, leaf hoppers, leaf miners, young sucking bugs, lace bugs, mealy bugs, and most thrips, wherever found on trees, shrubs, flowers, or vegetables. Prices: 1-oz. size, 36c; by mail, 40c; 5-oz. size, \$1.05; by mail, \$1.10; 1 lb., \$2.50; by mail, \$2.60; 2 lbs., \$3.70; by mail, \$3.85; 5 lbs., \$6.90; by mail, \$7.10; 10 lbs., \$11.65; by mail, \$12.00.



Don't let cankerworms or other creeping insects ruin your valuable shade trees. Apply TREE TANGLEFOOT, either directly or indirectly (with removable Balsam Wool Bands). A barrier no creeping insect can pass.

PROTECT NOW AGAINST THE SPRING INVASION

Prices: 1-lb. can, 80c; by mail, 85c; 5-lb. can, \$3.75; by mail, \$4.00; 10-lb. can, \$7.00; by mail, \$7.50.

ANTROL ANT TRAPS

Kills both sweet and grease eating ants as it contains two kinds of specially prepared materials. Ready to use by simply punching out the perforations on the side of the can. Most effective ant trap ever devised.

Each, 10c; 3 for 25c, postpaid.

ANTROL SETS

Quickly destroys ants. Composed of containers with a special syrup.

Easy to use, economical, effective. Proved in over a million homes.

Prices: Antrol Set, containing 4 containers and 4-oz. bottle of syrup, 60c. Extra containers, 5c each. Antrol Syrup: 2 oz., 10c; 4 oz., 20c; postpaid.



READY FILLED SETS

Set includes four containers with proper amount of syrup. Just place them near the ant hills or runs. Price: per set, 40c; by mail, 55c. Single trial container, 15c, postpaid.

ANT GAS KILLS ANTS QUICKLY

Simply apply Ant Gas to the ant hill and all ants die immediately. No bother, no waiting, no poisons needed. Ant Gas is a liquid which forms a gas heavier than air and when applied to the ant hill penetrates all of the galleries of the ant house. Effective against Ground Moles. Price: 1/2-pint can, 50c; by mail, 60c, postpaid.



DOGZIX

Protects shrubs, evergreens and plants from dog annoyance. Simply spray on lower branches and soil. Harmless to pets and plants. Dogs are animals of habits. Correct their habits with Dogzix. 6-oz. bottle treats fifty trees.

Price: 3-oz. bottle 35c; by mail, 40c; 6-oz. bottle, 50c; by mail, 60c.



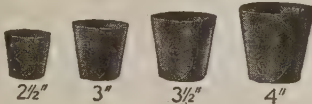
Keeps dogs, cats and other animals away from trees, evergreens, roses shrubbery, etc. One large tube lasts a year. Large tube, 25c; small size, 15c, postpaid.

PAINTED WOOD GARDEN LABELS

For marking varieties and labeling plants and bulbs.		By mail			By express		
		25	100	1,000			
Painted Labels	3 1/2 x 1/2	\$.015	\$0.35	\$2.15			
Painted Labels	4 x 1/2	\$.15	.40	2.40			
Painted Labels	6 x 1/2	\$.15	.40	3.00			
Painted Labels	8 x 1/2	\$.20	.45	3.60			
Painted Labels	10 x 1/2	\$.20	.60	4.80			
Painted Labels	12 x 1 1/2	\$.30	1.10	10.00			
Painted wired labels	3 1/2 in.	.15	.35	2.40			

NEW GREEN GROWING POTS

Made of strong water-proof paper; light, unbreakable and will not rot. Will reduce growing costs. They weigh just one-tenth as much as clay pots and require less water.



	By mail	100	1,000
2 1/2-inch	\$.030	\$0.90	\$7.20
3-inch	\$.35	1.05	8.60
3 1/2-inch	\$.50	1.45	10.85
4-inch	\$.55	1.55	12.50

CHEMICAL WEED KILLER.

SODIUM CHLORATE. For weed eradication on farms such as quack grass, Canada thistle, etc. NOTE: Get a permit number from your county clerk, and send with order. We cannot ship without it. Price: 100 lbs., \$12.00, subject to change.



WAFER THERMOSTATS

For any incubator or brooder. Accurate and durable. Made of finest tempered brass. Nut on stem can be removed for oil-burning brooders.

Prices: 3-inch, Single Unit, 25c; 3-inch, Double Unit, 30c, postpaid.

PRATT'S SPLIT-ACTION WORM PILLS.

Contains two drugs released hours apart. Very effective. Prices: Pullet size only. 100 tablets, 75c; 500 tablets, \$2.90, postpaid.



HARCO SPRAYER

The new 1944 streamline Harco Sprayer is ideal for home and garden use. Efficient, good looking, easy to work and sold at a down to earth price. Sprays up, down, sideways without adjustment. No leaks or drips to wet hands or stain clothing. This new plastic material is non-corrodible and sprayer will fit any quart mason jar. Thus you can keep many sprays in different jars. Price: \$2.35; by mail, postpaid, \$2.50.



KILLS LICE ON CHICKENS

Apply a few drops on roost with cap-brush, then smear. Fumes pass upward through the feathers of roosting chickens and destroy lice. Saves individual handling. Avoids flock disturbance.

Economical—efficient—a little goes a long way.

Prices: 1-oz. size, 35c; by mail, 40c; 5-oz. size, \$1.05; by mail, \$1.10; 1 lb., \$2.50, by mail, \$2.60; 2 lbs., \$3.70; by mail, \$3.85; 5 lbs., \$6.90; by mail, \$7.10; 10 lbs., \$11.65; by mail, \$12.00.

BLACK LEAF WORM POWDER

Kills poultry roundworm (Ascaridia lineata). Single-dose flock treatment. Odorless, tasteless, non-toxic to fowls. Contains nicotine in "shockless" form, hence does not throw flock off of production. Simple and easy to use.

Prices: 4-oz. size (100 birds), 75c; 1 1/2-lb. size (600 birds), \$3.00; 3-lb. size (1,200 birds), \$5.60, postpaid.

BLACK LEAF 40 WORM PELLETS

Made of "Black Leaf" Worm Powder and have the same advantages as to odor and taste. Prices: 100 pellets, 85c; 500 for \$3.25; 1,000 for \$6.00, postpaid.

GOLD "LEAF" TOBACCO POWDER

Controls round worms. Just feed it in the mash. 2 lbs., 25c; by mail, 35c; 10 lbs., 65c; by mail, 85c; 100 lbs. by freight, \$4.25.

FLY-MIST

MIX YOUR OWN CLEAN COOL STOCK SPRAY WITH WATER.

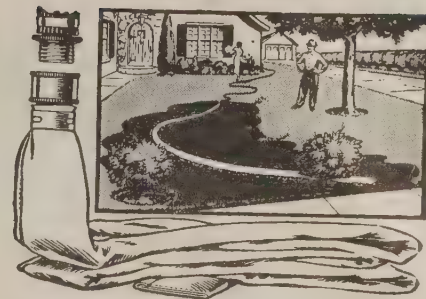
KILLS & REPELS

Flies, Mosquitoes, Fleas, Lice, Ticks, Gnats

Provides better, cleaner, cooler animal protection without irritated skin, gummy dirty hair, or other possible oil spray troubles. Helps increase summer production of cleaner milk. Safe, stainless, economical. Will not taint milk.

4 OZ. CAN MAKES 1/2 GALLON STOCK SPRAY . . . 50
8 OZ. CAN MAKES 1 GALLON STOCK SPRAY . . . 95

SOIL SOAKER



Like an all-night rain, it really soaks the soil. Water seeps through the entire length gently. No sprays. Puts water where you want it. All soaks to the roots. Made of scientifically treated mildew resistant canvas. One end screws to the water hose, the other end is closed. Water seeps through the pores directly into the soil over an area of several feet on all sides. No waste on walks or driveways. Save 25 per cent on your water bill. Prices: 12-ft. hose, \$1.40 each; 18-ft. hose, \$1.90; 30-ft. hose, \$2.90, postpaid.



Prices: 36-in. wide. One square yard, 35c; by mail, 45c; 5 square yards, \$1.80; by mail, \$1.95; 50 yards at 32c per yard, not prepaid.

IMPORTED POULTRY PEAT MOSS

A labor-saving litter, requiring changing only twice a year. Used moss makes ideal fertilizer.

A bale, when opened up, will measure about 22 bushels and will cover an area of 250 square feet an inch deep. Weighs about 7 lbs. to a bushel.

Prices, by freight: 3 bu. sack, \$1.30; bale (about 22 bushels), \$4.75.

RAT-SCENT

A combination of poisoned grains that rats and mice will eat, regardless of other foods around, on account of the scent. Will not kill chickens. Not one complaint of odor in 18 years. No bait to mix. "We recommend this very emphatically."

Prices, by express (not mailable): 35c; large size, 50c.



RAT CORN

The old reliable rat and mice exterminator. It mummifies them. They simply dry up. Positively no smell. Best for home use. Harmless to human beings and livestock.

Prices: 25c, 50c, and \$1.00, postpaid.

COLORED CELLULOID SPIRALET LEG BANDS

SPIRALET LEG BANDS

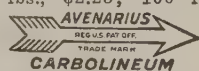
Colors: Blue, red, yellow, black and green. Mention the colors and size preferred. Three sizes: Asiatic, American, Leghorn: 12, 10c; 25, 20c; 100, 60c, postpaid.



Dickinson's Dog Food

Dickinson's Dog Food contains everything needed for the complete nourishment of dogs under all conditions. For growth of pups, for breeding and nursing females, and for maintenance of thrift and health in mature dogs, Dickinson's Dog Food has no equal. It contains a large number of different food ingredients, each one selected for its specific food values. When feeding Dickinson's Dog Food you are offering your dog a wider variety of food, compounded into a balanced ration in Dry Form to make it easy to feed. It keeps your dogs healthy, sleek, and full of energy.

All of the essential vitamins and minerals are present. An additional supply of vitamins A and D is added through the use of Vitamin tested oil. Price: 2 lbs., 30c; 4 lbs., 50c, postpaid. Not prepaid, 25 lbs., \$2.25; 100 lbs., \$8.35.



Carbolineum kills chicken mites or fowl ticks in poultry houses. Applied once a year, by brush or sprayer, guaranteed to exterminate the mites or ticks and keep them away a whole year. Money refunded if it fails to do it.

Very valuable as a wood preservative and stain. Used to preserve roofs, fence posts, and repairing of tree wounds. Wt. 10 lbs. to a gal.

Prices: By express, 1 gal., \$1.50; 5 gal., \$6.75—Not prepaid.



For Your Flock We Recommend BURRELL-DUGGER Remedies

Group-Over

A SOOTHING ANTISEPTIC APPLICATION FOR THE MUCOUS MEMBRANES OF THE MOUTH AND NOSTRILS OF POULTRY

Nasal and throat infections often attack poultry with costly results. The symptoms are running nose, wheezing, rattling and choking. Whenever any trace of this trouble develops in your flock, act immediately or you may be too late.

Nasal or throat infections, whatever their origin—so-called "colds" or other purulent catarrhal conditions—tend to clog the air passages with excessive stringy mucous secretions which may cause death in a short time; the air passages must be freed of this suffocating mucous if the bird is to survive.

Group-Over as an individual treatment and as a vapor will be found a valuable aid in expelling the accumulations of such mucous in the upper nasal passages. Poultry raisers everywhere say they never saw anything like Group-Over for quick results. Group-Over is guaranteed to give complete, prompt and positive results or your money will be refunded.



Prices: 50c; by mail, 55c; large size (2 1/2 times 50c size), \$1.00; by mail, \$1.10. Special size (four times \$1.00 size), \$3.00; by mail, \$3.25.

With the Special \$3.00 size you get a Glass Drinking Fountain FREE.

DON SUNG

Tonic and Conditioner For LAYING HENS

Don Sung is easily and economically given in the mash feed of laying hens. It does not force or hurt the hen in any way. It has been successfully used and recommended for years by large and small poultry raisers from coast to coast. Complete directions for proper feeding and housing to promote better egg production are enclosed with every package. Get the trial size of Don Sung and see what it will do for your flock—you'll be more than pleased with results.

Prices of Don Sung Tablets: Small size, 50c, postpaid; large size (3 times 50c size), \$1.00, postpaid; special size, (6 times \$1.00 size), \$5.00, postpaid.



AVICOL Chick Tablets

Avicol is for all poultry—both old and young. It should be used regularly in all drinking water, the year 'round. Try this system of giving Avicol to your flock during the next year, and see if you are not more than pleased with results.

Price, 50c; by mail, 55c; large size (3 times 50c size), \$1.00; by mail, \$1.10. Guaranteed.

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You get every week the latest in
national and international devel-
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the war. Our editors not only
report the news, in brief, simple
phrases, but give the background,
story and significance of the more
important events. Nothing flashy,
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PETUNIAS OF SPECIAL MERIT



Blue Brocade



Betsy Ross

1109. BLUE BROCADE VICTORIOUS ALL DOUBLE. H. A. This Petunia won the 1940 silver medal in the All-America contest. A fine, true, violet-blue giant fringed all-double Petunia of the Victorious All Double strain which comes 75 per cent or better true double from seed. The plant is dwarf and uniform and very neat in habits, making it equally valuable to the florist as well as for bedding and window box plantings. Start seed early in flats. **Pkt., of 35 seeds, 35c; 70 seeds (2 pkts.), 60c.**



Theodosia

1087. MINIATURE RUFFLED BETSY ROSS. H. A. The color of Betsy Ross is red and white, the white blending to golden and the red blending to very deep red in the throat. The blooms are actually 2 1/2 inches in diameter, well ruffled with good open throat. The color combination of these flowers gives the individual plant as well as the row of plants a decidedly gay effect. This variety is excellent for bedding as well as for front row borders. We predict that it will prove a very popular pot plant. The plants are uniformly of a very dwarf growth with the foliage completely covered with ruffled blooms. The bicolor Petunias do not always come true under varying soil and weather conditions, but Betsy Ross is well worth a trial in your garden. **Pkt., 25c; 2 pkts., 40c; 1/32 oz., \$1.50; 1/16 oz., \$2.75.**



Hollywood Star



Supreme California Giants

1100. SUPREME CALIFORNIA GIANTS, MIXED. H. A. For size and outstanding color, this strain of Petunia is supreme. The flowers are in shades of pink, rose, and salmon-rose; all with light, richly veined throats and many of them striped and combining two or more rose shades in one bloom. The blooms are unbelievably large, five to seven inches in diameter, with shallow open throats surrounded by satiny petals which are so heavily ruffled that in the young flowers they are easily mistaken for doubles. As the flower fully matures, the petals fold back in a wider radius leaving the beautiful veined throat exposed. Flowers are freely produced on 1 1/2 to 2-foot plants. Flowers begin when the plants are only five to six inches tall. Especially fine for pots or window boxes. Start seed in flats or window boxes. **Pkt., 25c; 2 pkts., 45c; 1/32 oz., \$2.00; 1/16 oz., \$3.80; 1/8 oz., \$7.50.**

1085. RADIANCE. H. A. The Petunia is probably the most popular and universally satisfactory flower grown by gardeners and professionals today, and more work has probably been done by plant breeders to improve Petunias than on any other flower. Radiance received a 1940 silver medal in the All-America awards. It is a rich, brilliant cerise-rose with enough underlying salmon to remove the harshness commonly found in a cerise-rose variety. The throat is a golden yellow below where the bloom starts to flare which adds much life to the Petunia. The plant is of the hybrid type, very uniform and neat in habits. It is decidedly free flowering throughout the season. The blooms measure 2 1/2 to 3 inches in diameter. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.00; 1/2 oz., \$1.75.**

1089. HOLLYWOOD STAR. H. A. This variety won the Silver Medal in the 1939 All-America contest. The Petunia is unique in the form of its flowers which consists of a five-pointed star. The color is a charming shade of rich rose with an amber throat. A fine garden variety as it is early and free blooming. The plant is strong and so smothered with blooms that hardly any foliage shows. **Pkt., 20c; 2 pkts., 35c; 1/4 oz., \$1.45; 1/2 oz., \$2.65; oz., \$5.00.**



Radiance

Olds' Northern Grown Ever Blooming Hybrid Tea Roses Of Exceptional Merit



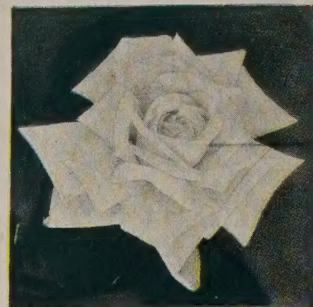
President Hoover



Charles K. Douglas



Mrs. Pierre S. duPont



Mme. Jules Bouche



Picture

CHARLES K. DOUGLAS. A flaming scarlet flushed with velvety crimson. Bush is of upright growth and fine form. Strong healthy grower. Blooms exceedingly fragrant.

GOLDEN RAPTURE. A new golden yellow rose of exceptional merit. Buds exquisitely formed which open up quite double. Plants hardy and robust, producing strong stems for cutting.

Mme. JULES BOUCHE. A beautiful white which has long pointed buds that open up very double. Flowers have a tinge of pink hemming the center petals. Strong tall healthy plants. Always in bloom.

MRS. PIERRE S. duPONT. We consider this the best golden yellow. A double cupped bloom which opens from a medium size long pointed bud. Long lasting, holding both form and color well. Very fragrant. Strong compact bush.

PICTURE. One of the new roses and one of the loveliest of all pink roses. Perfect velvety clear rose-pink, highly scented, very double flowers appear in great profusion on a vigorous strong bush, like a picture.

PRESIDENT HOOVER. A large bloom. One of the most glorious combinations of cerise, yellow, flame and scarlet. Bush upright and vigorous. Free blooming.

TALISMAN. The very popular rose always on display in the florist's store. Too well known to require an illustration or much in the way of description. Golden yellow and copper, long lasting and free blooming.

ROUGE MALLERIN. Scarlet pointed buds of brilliant red; opening to 3½ inches in diameter. The rich, glowing velvety scarlet is most striking.



Rouge Mallerin

PRICES, the above eight (8) varieties: 2-Year-Old No. 1 Field Grown Stock; each, 90c; 3 Assorted Varieties, your choice, \$2.60. One each of the above 8 varieties for \$6.75, postpaid, up to 1,500 miles. Add 10c per bush if distance is greater.

We suggest sending your order early for nursery stock. We will ship your order at the proper time for planting or when weather will permit digging.

Please Note:—Due to the limited supply of northern grown Tea Roses we would like to have the privilege of substituting a like variety of equal value if sold out of the one ordered. If substitutions are not desired, please state so on your order and we will refund the purchase price if sold out.

Orders for nursery stock will not be accepted for shipment into California, Florida, Oregon and Washington.

TWO BEAUTIFUL *New* EVER BLOOMING Hybrid Tea Roses



Duquesa dePenaranda



Grenoble

DUQUESA dePENARANDA. This new glorious rose produces 2 distinct types of flowers. In summer they are coppery-apricot; in autumn a luscious cinnamon-peach color. Whether in buds or fully open flower, this rose is gloriously beautiful. Their slender, shapely buds are brilliant orange and when open are fully double. A vigorous grower with glossy foliage. **PRICE:** Each \$1.25; 3 for \$3.15; 12 for \$12.00.

GRENOBLE. A majestic new brilliant red rose. One of the very brightest of all red roses and perhaps the largest ever-blooming rose grown today. Flowers are well shaped with spicy fragrance. Tall growing with shapely buds on long stems. If you have room for only 1 red rose, this is the one to choose. **PRICE:** Each \$1.25; 3 for \$3.15; 12 for \$12.00.

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